COASTAL ENVIRONMENTAL

PO BOX 167

HAMMONTON, NJ 08330

# Certificate of Mold Analysis

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|---|---|
| Prepared for: | COASTAL ENVIRONMENTAL |
| Phone Number: | |
| Fax Number: | |
| Project Name: | PLEASANTVILLE HS |
| Test Location: | 701 MILL RD |
| | PLEASANTVILLE, NJ 08232 |
| Report Number: | 1367137 |
| Received Date: | September 23, 2020 |
| Report Date: | September 23, 2020 |

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Diana Sauri, Laboratory Director or other approved signatory

MICROBIOLOGY LABS     ISO/IEC 17025:2005
Accredited Laboratory
AIHA LAP, LLC
AIHAACCREDITEDLABS.ORG
Lab ID # 163230

**For more information please contact PRO-LAB at (954) 384-4446 or email info@prolabinc.com**

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | AMBIENT | | | A101 | | | A102 | | | A103 | | |
| COC / LINE # | 1367137 - 1 | | | 1367137 - 2 | | | 1367137 - 3 | | | 1367137 - 4 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 232657T | | | 212761T | | | 232658T | | | 232665T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **CONTROL** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total |
| **Other Ascospores** | 4 | 53 | 25 | 8 | 110 | 34 | 8 | 110 | 50 | 12 | 160 | 50 |
| **Other Basidiospores** | 12 | 160 | 75 | 4 | 53 | 16 | | | | 4 | 53 | 16 |
| **Penicillium/Aspergillus** | | | | 12 | 160 | 50 | 8 | 110 | 50 | 8 | 110 | 34 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 16 | 213 | 100 | 24 | 323 | 100 | 16 | 220 | 100 | 24 | 323 | 100 |
| **MINIMUM DETECTION LIMIT\*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts.  The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report.  If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
**CONTROL** is a baseline sample showing what the spore count and diversity is at the time of sampling. The control sample(s) is usually collected outside of the structure being tested and used to determine if this sample(s) is similar in diversity and abundance to the inside sample(s).
**ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample(s), and other samples in our database, are higher than expected. This can indicate that fungi have grown because of a water leak or water intrusion. Fungi that are considered to be indicators of water damage include, but are not limited to: *Chaetomium, Fusarium, Memnoniella, Stachybotrys, Scopulariopsis, Ulocladium*.
**NOT ELEVATED** means that the amount and/or the diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
**UNUSUAL** means that the presence of current or former growth was observed in the analyzed sample. An abundance of spores are present, and/or growth structures including hyphae and/or fruiting bodies are present and associated with one or more of the types of mold/fungi identified in the analyzed sample.
**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | A104 | | | A105B CHILDCARE | | | A106 | | | A107 | | |
| COC / LINE # | 1367137 - 5 | | | 1367137 - 6 | | | 1367137 - 7 | | | 1367137 - 8 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 222711T | | | 242614T | | | 242613T | | | 222718T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total |
| Other Ascospores | | | | 8 | 110 | 67 | 4 | 53 | 33 | | | |
| Other Basidiospores | | | | | | | | | | 8 | 110 | 100 |
| Penicillium/Aspergillus | 12 | 160 | 100 | 4 | 53 | 33 | 8 | 110 | 67 | | | |
| Smuts, myxomycetes | | | | | | | | | | | | |
| **TOTAL SPORES** | 12 | 160 | 100 | 12 | 163 | 100 | 12 | 163 | 100 | 8 | 110 | 100 |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'. All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report. If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
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**NOT ELEVATED** means that the amount and/or the diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
**UNUSUAL** means that the presence of current or former growth was observed in the analyzed sample. An abundance of spores are present, and/or growth structures including hyphae and/or fruiting bodies are present and associated with one or more of the types of mold/fungi identified in the analyzed sample.
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**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | A108 | | | A109 | | | A110 | | | A112 | | |
| COC / LINE # | 1367137 - 9 | | | 1367137 - 10 | | | 1367137 - 11 | | | 1367137 - 12 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 232662T | | | 222708T | | | 222716T | | | 212764T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total |
| **Other Ascospores** | 12 | 160 | 50 | 4 | 53 | 33 | 8 | 110 | 41 | 8 | 110 | 51 |
| **Other Basidiospores** | 4 | 53 | 16 | | | | | | | 4 | 53 | 25 |
| **Penicillium/Aspergillus** | 8 | 110 | 34 | 8 | 110 | 67 | 12 | 160 | 59 | 4 | 53 | 25 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 24 | 323 | 100 | 12 | 163 | 100 | 20 | 270 | 100 | 16 | 216 | 100 |
| **MINIMUM DETECTION LIMIT**[*] | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts.  The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

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**NA** = Not Applicable.

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**Prepared for :** COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | A204 | | | B101 | | | B103 | | | B105 | | |
| COC / LINE # | 1367137 - 13 | | | 1367137 - 14 | | | 1367137 - 15 | | | 1367137 - 16 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 242606T | | | 232661T | | | 232656T | | | 242610T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total |
| **Other Ascospores** | 12 | 160 | 50 | 4 | 53 | 25 | 4 | 53 | 25 | 8 | 110 | 50 |
| **Other Basidiospores** | | | | | | | 4 | 53 | 25 | | | |
| **Penicillium/Aspergillus** | 12 | 160 | 50 | 12 | 160 | 75 | 8 | 110 | 51 | 8 | 110 | 50 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 24 | 320 | 100 | 16 | 213 | 100 | 16 | 216 | 100 | 16 | 220 | 100 |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

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**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
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| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | B107 | | | B111 | | | B202 | | | C101 | | |
| COC / LINE # | 1367137 - 17 | | | 1367137 - 18 | | | 1367137 - 19 | | | 1367137 - 20 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 222712T | | | 242617T | | | 222707T | | | 232667T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total |
| **Other Ascospores** | 8 | 110 | 41 | 4 | 53 | 50 | | | | 4 | 53 | 19 |
| **Other Basidiospores** | | | | | | | | | | 8 | 110 | 40 |
| **Penicillium/Aspergillus** | 12 | 160 | 59 | 4 | 53 | 50 | 8 | 110 | 100 | 8 | 110 | 40 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 20 | 270 | 100 | 8 | 106 | 100 | 8 | 110 | 100 | 20 | 273 | 100 |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts.  The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

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**Prepared for :** COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | C102 | | | C105 | | | C109 | | | C112 | | |
| COC / LINE # | 1367137 - 21 | | | 1367137 - 22 | | | 1367137 - 23 | | | 1367137 - 24 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 212763T | | | 222713T | | | 212756T | | | 232660T | | |
| COLLECTION DATE | Sep 21, 2020 | | | Sep 21, 2020 | | | Sep 21, 2020 | | | Sep 21, 2020 | | |
| ANALYSIS DATE | Sep 23, 2020 | | | Sep 23, 2020 | | | Sep 23, 2020 | | | Sep 23, 2020 | | |
| CONCLUSION | NOT ELEVATED | | | NOT ELEVATED | | | NOT ELEVATED | | | NOT ELEVATED | | |
| **IDENTIFICATION** | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total |
| Other Ascospores | 8 | 110 | 41 | 8 | 110 | 51 | 4 | 53 | 16 | 8 | 110 | 50 |
| Other Basidiospores | | | | 4 | 53 | 25 | | | | | | |
| Penicillium/Aspergillus | 12 | 160 | 59 | 4 | 53 | 25 | 20 | 270 | 84 | 8 | 110 | 50 |
| Smuts, myxomycetes | | | | | | | | | | | | |
| TOTAL SPORES | 20 | 270 | 100 | 16 | 216 | 100 | 24 | 323 | 100 | 16 | 220 | 100 |
| MINIMUM DETECTION LIMIT* | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| BACKGROUND DEBRIS | Light | | | Light | | | Light | | | Light | | |
| OBSERVATIONS & COMMENTS | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'. All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report. If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
**CONTROL** is a baseline sample showing what the spore count and diversity is at the time of sampling. The control sample(s) is usually collected outside of the structure being tested and used to determine if this sample(s) is similar in diversity and abundance to the inside sample(s).
**ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample(s), and other samples in our database, are higher than expected. This can indicate that fungi have grown because of a water leak or water intrusion. Fungi that are considered to be indicators of water damage include, but are not limited to: *Chaetomium, Fusarium, Memnoniella, Stachybotrys, Scopulariopsis, Ulocladium*.
**NOT ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
**UNUSUAL** means that the presence of current or former growth was observed in the analyzed sample. An abundance of spores are present, and/or growth structures including hyphae and/or fruiting bodies are present and associated with one or more of the types of mold/fungi identified in the analyzed sample.
**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | C204 | | | C208 | | | C209 | | | C211 | | |
| COC / LINE # | 1367137 - 25 | | | 1367137 - 26 | | | 1367137 - 27 | | | 1367137 - 28 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 232659T | | | 222714T | | | 212758T | | | 222715T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total |
| **Other Ascospores** | 4 | 53 | 33 | 4 | 53 | 25 | 4 | 53 | 33 | 12 | 160 | 75 |
| **Other Basidiospores** | 8 | 110 | 67 | 4 | 53 | 25 | | | | 4 | 53 | 25 |
| **Penicillium/Aspergillus** | | | | 8 | 110 | 51 | 8 | 110 | 67 | | | |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 12 | 163 | 100 | 16 | 216 | 100 | 12 | 163 | 100 | 16 | 213 | 100 |
| **MINIMUM DETECTION LIMIT**[*] | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'. All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report.  If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
**CONTROL** is a baseline sample showing what the spore count and diversity is at the time of sampling. The control sample(s) is usually collected outside of the structure being tested and used to determine if this sample(s) is similar in diversity and abundance to the inside sample(s).
**ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample(s), and other samples in our database, are higher than expected. This can indicate that fungi have grown because of a water leak or water intrusion. Fungi that are considered to be indicators of water damage include, but are not limited to: *Chaetomium*, *Fusarium*, *Memnoniella*, *Stachybotrys*, *Scopulariopsis*, *Ulocladium*.
**NOT ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
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**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | D101 | | | D102 | | | STUDENT SERVICES-A | | | STUDENT SERVICES-B | | |
| COC / LINE # | 1367137 - 29 | | | 1367137 - 30 | | | 1367137 - 31 | | | 1367137 - 32 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 222710T | | | 222709T | | | 212768T | | | 232664T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total | Raw Count | Spores per $m^3$ | Percent of Total |
| **Other Ascospores** | 8 | 110 | 50 | 12 | 160 | 59 | 4 | 53 | 20 | 8 | 110 | 40 |
| **Other Basidiospores** | | | | 8 | 110 | 41 | 12 | 160 | 60 | 4 | 53 | 19 |
| **Penicillium/Aspergillus** | 8 | 110 | 50 | | | | | | | 8 | 110 | 40 |
| **Smuts, myxomycetes** | | | | | | | 4 | 53 | 20 | | | |
| **TOTAL SPORES** | 16 | 220 | 100 | 20 | 270 | 100 | 20 | 266 | 100 | 20 | 273 | 100 |
| **MINIMUM DETECTION LIMIT**[*] | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

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**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report.  If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
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**NOT ELEVATED** means that the amount and/or the diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
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**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | STUDENT SERVICES-C | | | STUDENT SERVICES-D | | | STUDENT SERVICES-E | | | STUDENT SERVICES-F | | |
| COC / LINE # | 1367137 - 33 | | | 1367137 - 34 | | | 1367137 - 35 | | | 1367137 - 36 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 212762T | | | 232666T | | | 232663T | | | 222717T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total |
| **Other Ascospores** | 8 | 110 | 50 | 12 | 160 | 50 | 8 | 110 | 40 | 8 | 110 | 50 |
| **Other Basidiospores** | | | | 4 | 53 | 16 | 4 | 53 | 19 | | | |
| **Penicillium/Aspergillus** | 8 | 110 | 50 | 8 | 110 | 34 | 8 | 110 | 40 | 8 | 110 | 50 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 16 | 220 | 100 | 24 | 323 | 100 | 20 | 273 | 100 | 16 | 220 | 100 |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report.  If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
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**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

# PRO-LAB®

**1675 North Commerce Parkway, Weston, FL 33326    (954) 384-4446**

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | JROTC BREAK RM | | | JROTC OFFICE | | | TV STUDIO | | | LIBRARY | | |
| COC / LINE # | 1367137 - 37 | | | 1367137 - 38 | | | 1367137 - 39 | | | 1367137 - 40 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 212759T | | | 242611T | | | 242615T | | | 222706T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total |
| **Other Ascospores** | 8 | 110 | 40 | 4 | 53 | 33 | 8 | 110 | 50 | 4 | 53 | 25 |
| **Other Basidiospores** | 4 | 53 | 19 | | | | | | | | | |
| **Penicillium/Aspergillus** | 8 | 110 | 40 | 8 | 110 | 67 | 8 | 110 | 50 | 12 | 160 | 75 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 20 | 273 | 100 | 12 | 163 | 100 | 16 | 220 | 100 | 16 | 213 | 100 |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts.  The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'.  All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

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**NA** = Not Applicable.

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# PRO-LAB®

**1675 North Commerce Parkway, Weston, FL 33326    (954) 384-4446**

**Prepared for :**  COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | DANCE STUDIO | | | 2ND FL FACULTY RM | | | AUDITORIUM MIDDLE | | | STAGE | | |
| COC / LINE # | 1367137 - 41 | | | 1367137 - 42 | | | 1367137 - 43 | | | 1367137 - 44 | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | |
| SERIAL NUMBER | 212757T | | | 242608T | | | 242612T | | | 212765T | | |
| COLLECTION DATE | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | | **Sep 21, 2020** | | |
| ANALYSIS DATE | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | | **Sep 23, 2020** | | |
| CONCLUSION | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | | **NOT ELEVATED** | | |
| **IDENTIFICATION** | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total | Raw Count | Spores per m$^3$ | Percent of Total |
| **Other Ascospores** | 8 | 110 | 50 | 8 | 110 | 40 | 8 | 110 | 51 | 8 | 110 | 40 |
| **Other Basidiospores** | | | | 4 | 53 | 19 | 4 | 53 | 25 | 4 | 53 | 19 |
| **Penicillium/Aspergillus** | 8 | 110 | 50 | 8 | 110 | 40 | 4 | 53 | 25 | 8 | 110 | 40 |
| **Smuts, myxomycetes** | | | | | | | | | | | | |
| **TOTAL SPORES** | 16 | 220 | 100 | 20 | 273 | 100 | 16 | 216 | 100 | 20 | 273 | 100 |
| **MINIMUM DETECTION LIMIT***| 4 | 53 | | 4 | 53 | | 4 | 53 | | 4 | 53 | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | Light | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'. All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

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**ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample(s), and other samples in our database, are higher than expected. This can indicate that fungi have grown because of a water leak or water intrusion. Fungi that are considered to be indicators of water damage include, but are not limited to: *Chaetomium*, *Fusarium*, *Memnoniella*, *Stachybotrys*, *Scopulariopsis*, *Ulocladium*.
**NOT ELEVATED** means that the amount and/or the diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
**UNUSUAL** means that the presence of current or former growth was observed in the analyzed sample. An abundance of spores are present, and/or growth structures including hyphae and/or fruiting bodies are present and associated with one or more of the types of mold/fungi identified in the analyzed sample.
**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.

# PRO-LAB®

**1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446**

**Prepared for :** COASTAL ENVIRONMENTAL

**Test Address :** PLEASANTVILLE HS
701 MILL RD
PLEASANTVILLE, NJ 08232

| ANALYSIS METHOD | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | 6110 Air Direct Examination | | | INTENTIONALLY BLANK | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOCATION | NURSE | | | MUSIC | | | MAIN OFFICE | | | | | |
| COC / LINE # | 1367137 - 45 | | | 1367137 - 46 | | | 1367137 - 47 | | | | | |
| SAMPLE TYPE & VOLUME | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | PRO-10 - 75.00L | | | | | |
| SERIAL NUMBER | 212767T | | | 242609T | | | 212766T | | | | | |
| COLLECTION DATE | Sep 21, 2020 | | | Sep 21, 2020 | | | Sep 21, 2020 | | | | | |
| ANALYSIS DATE | Sep 23, 2020 | | | Sep 23, 2020 | | | Sep 23, 2020 | | | | | |
| CONCLUSION | NOT ELEVATED | | | NOT ELEVATED | | | NOT ELEVATED | | | | | |
| **IDENTIFICATION** | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total | Raw Count | Spores per m³ | Percent of Total |
| Other Ascospores | 8 | 110 | 51 | 4 | 53 | 33 | 8 | 110 | 51 | | | |
| Other Basidiospores | 4 | 53 | 25 | | | | 4 | 53 | 25 | | | |
| Penicillium/Aspergillus | 4 | 53 | 25 | 8 | 110 | 67 | 4 | 53 | 25 | | | |
| Smuts, myxomycetes | | | | | | | | | | | | |
| **TOTAL SPORES** | 16 | 216 | 100 | 12 | 163 | 100 | 16 | 216 | 100 | | | |
| **MINIMUM DETECTION LIMIT*** | 4 | 53 | | 4 | 53 | | 4 | 53 | | | | |
| **BACKGROUND DEBRIS** | Light | | | Light | | | Light | | | | | |
| **OBSERVATIONS & COMMENTS** | | | | | | | | | | | | |

Background debris qualitatively estimates the amount of particles that are not pollen or spores and directly affects the accuracy of the spore counts. The categories of Light, Moderate, Heavy and Too Heavy for Accurate Count, are used to indicate the amount of deposited debris. Light (None to up to 25% obstruction); Medium (26% to up to 75% obstruction); Heavy (76% to up to 90% obstruction); Too Heavy (Greater than 90% obstruction). Increasing amounts of debris will obscure small spores and can prevent spores from impacting onto the slide. The actual number of spores present in the sample is likely higher than reported if the debris estimate is 'Heavy' or 'Too Heavy for Accurate Count'. All calculations are rounded to two significant figures and therefore, the total percentage of spore numbers may not equal 100%. The effect of the results relate only to the items tested. The methods used in this analysis have been validated and is fit for the intended use. R "version" indicated after the lab ID# indicates a sample with amended data.

**\* Minimum Detection Limit**. Based on the volume of air sampled, this is the lowest number of spores that can be detected and is an estimate of the lowest concentration of spores that can be read in the sample.
**NA** = Not Applicable.

**Spores that were observed from the samples submitted are listed on this report. If a spore is not listed on this report it was not observed in the samples submitted.**

**Interpretation Guidelines:** A determination is added to the report to help users interpret the mold analysis results. A mold report is only one aspect of an indoor air quality investigation. The most important aspect of mold growth in a living space is the availability of water. Without a source of water, mold generally will not become a problem in buildings. These determinations are in no way meant to imply any health outcomes or financial decisions based solely on this report. For questions relating to medical conditions you should consult an occupational or environmental health physician or professional.
**CONTROL** is a baseline sample showing what the spore count and diversity is at the time of sampling. The control sample(s) is usually collected outside of the structure being tested and used to determine if this sample(s) is similar in diversity and abundance to the inside sample(s).
**ELEVATED** means that the amount and/or diversity of spores, as compared to the control sample(s), and other samples in our database, are higher than expected. This can indicate that fungi have grown because of a water leak or water intrusion. Fungi that are considered to be indicators of water damage include, but are not limited to: *Chaetomium*, *Fusarium*, *Memnoniella*, *Stachybotrys*, *Scopulariopsis*, *Ulocladium*.
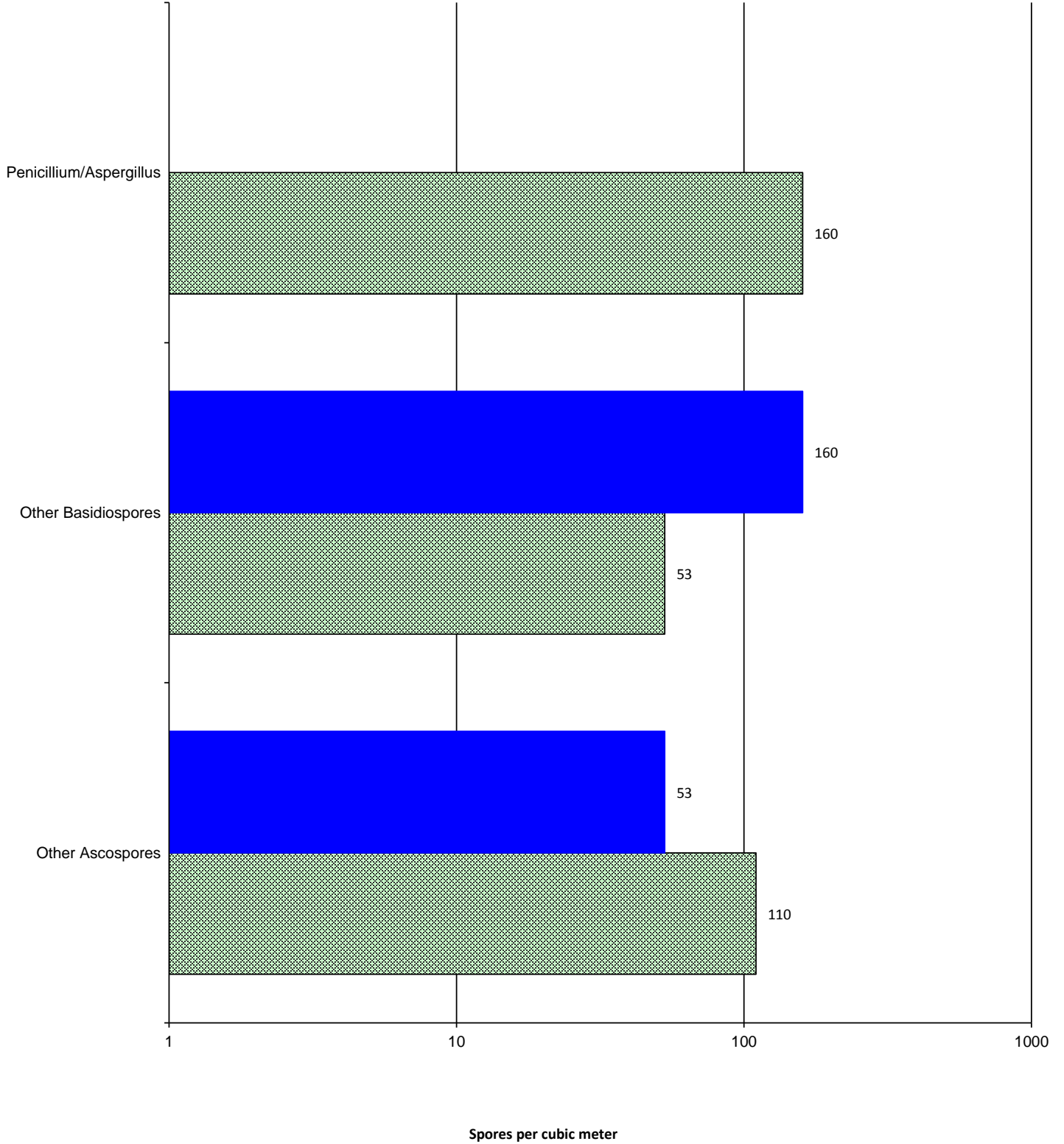**NOT ELEVATED** means that the amount and/or the diversity of spores, as compared to the control sample and other samples in our database, are lower than expected and may indicate no problematic fungal growth.
**UNUSUAL** means that the presence of current or former growth was observed in the analyzed sample. An abundance of spores are present, and/or growth structures including hyphae and/or fruiting bodies are present and associated with one or more of the types of mold/fungi identified in the analyzed sample.
**NORMAL** means that no presence of current or former growth was observed in the analyzed sample. If spores are recorded they are normally what is in the air and have settled on the surface(s) tested.
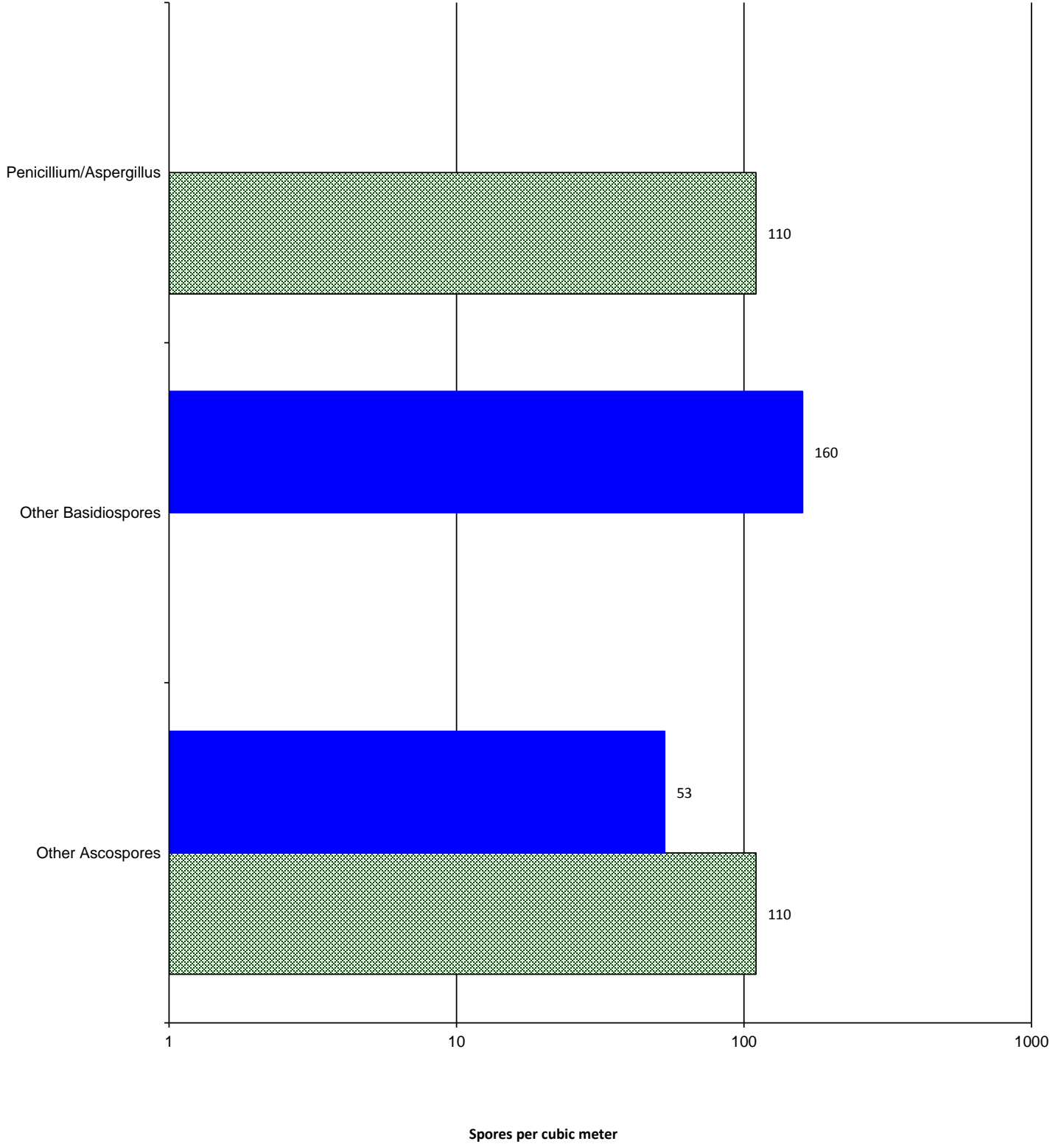
**Chain of Custody #**   1367137

A101

Ambient

Penicillium/Aspergillus
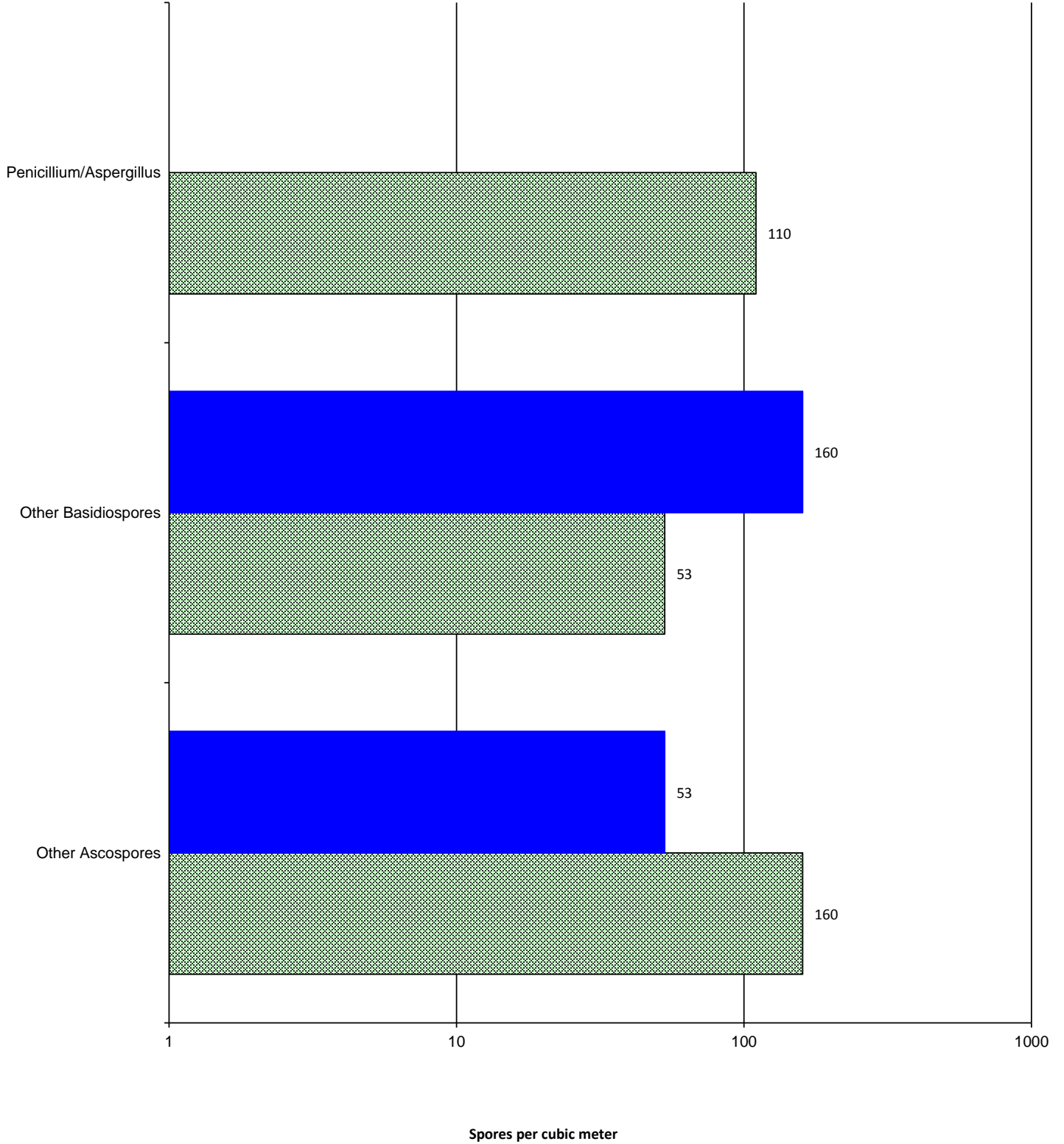
160

Other Basidiospores

160

53

Other Ascospores

53

110

1                    10                    100                    1000

**Spores per cubic meter**

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## Chain of Custody #  1367137



**Spores per cubic meter**

# PRO-LAB®

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A103

Ambient



**Penicillium/Aspergillus**   110

**Other Basidiospores**   160   53

**Other Ascospores**   53   160

1   10   100   1000

**Spores per cubic meter**

**Chain of Custody #**  1367137

A104

Ambient

Penicillium/Aspergillus                                                          160

Other Basidiospores                                                          160

Other Ascospores                                    53

1                    10                    100                    1000

**Spores per cubic meter**
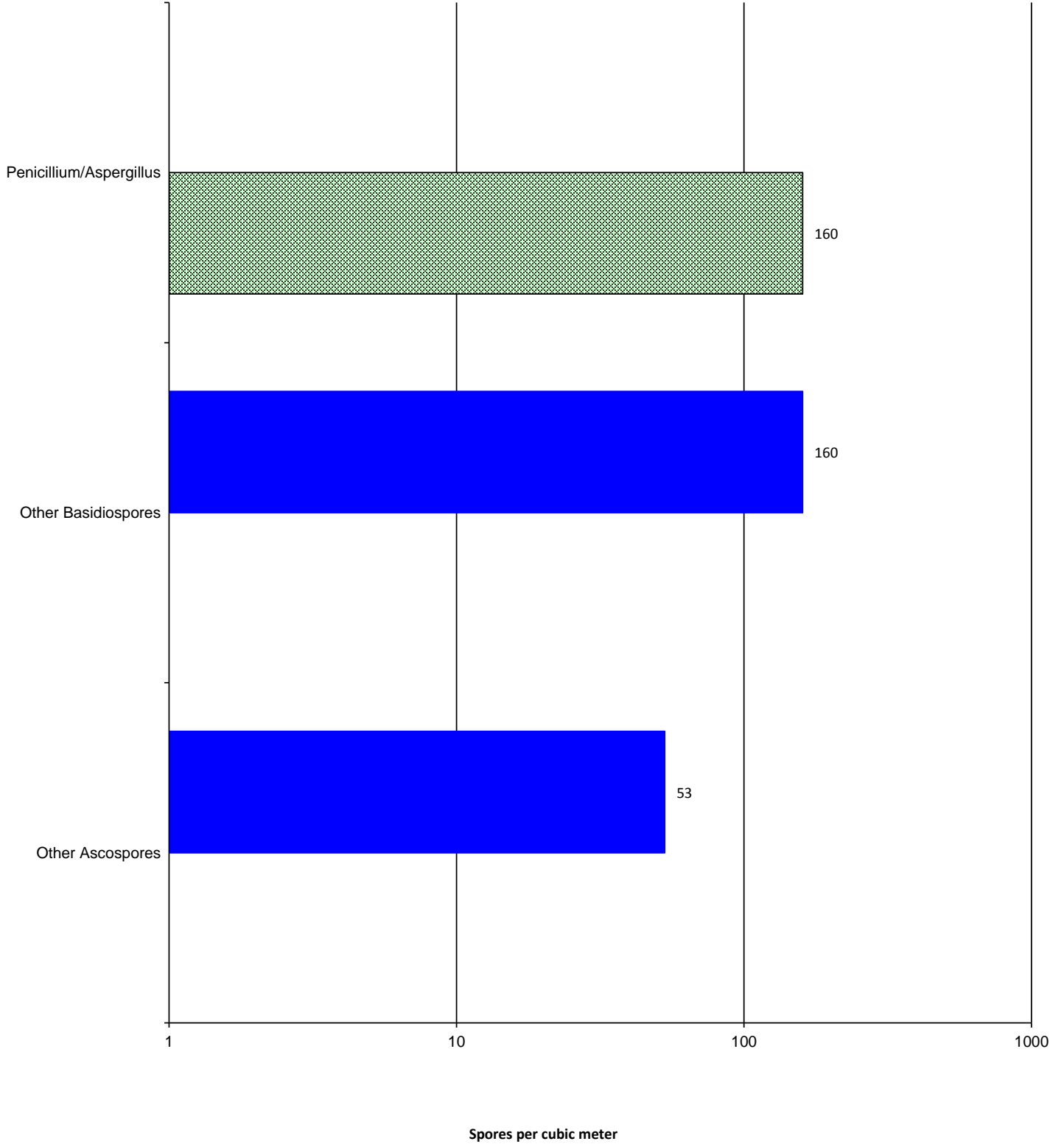
**Chain of Custody #**  1367137

A105b Childcare

Ambient



Penicillium/Aspergillus — 53

Other Basidiospores — 160

Other Ascospores — 53, 110

**Spores per cubic meter**

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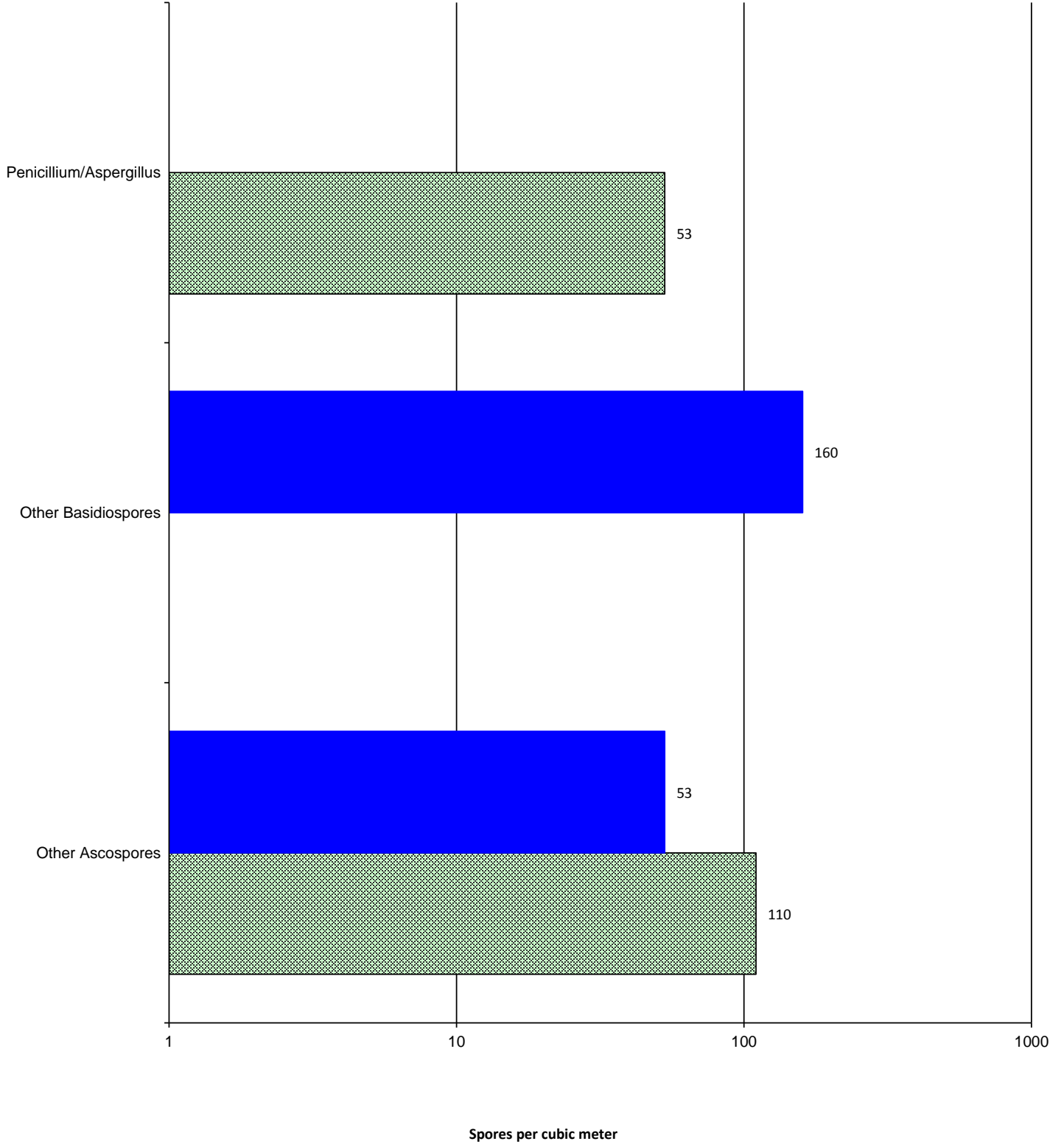
**Chain of Custody #**  1367137

A106
Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Ascospores — 53, 53

1    10    100    1000

**Spores per cubic meter**

**1675 North Commerce Parkway, Weston, FL  33326     (954) 384-4446**
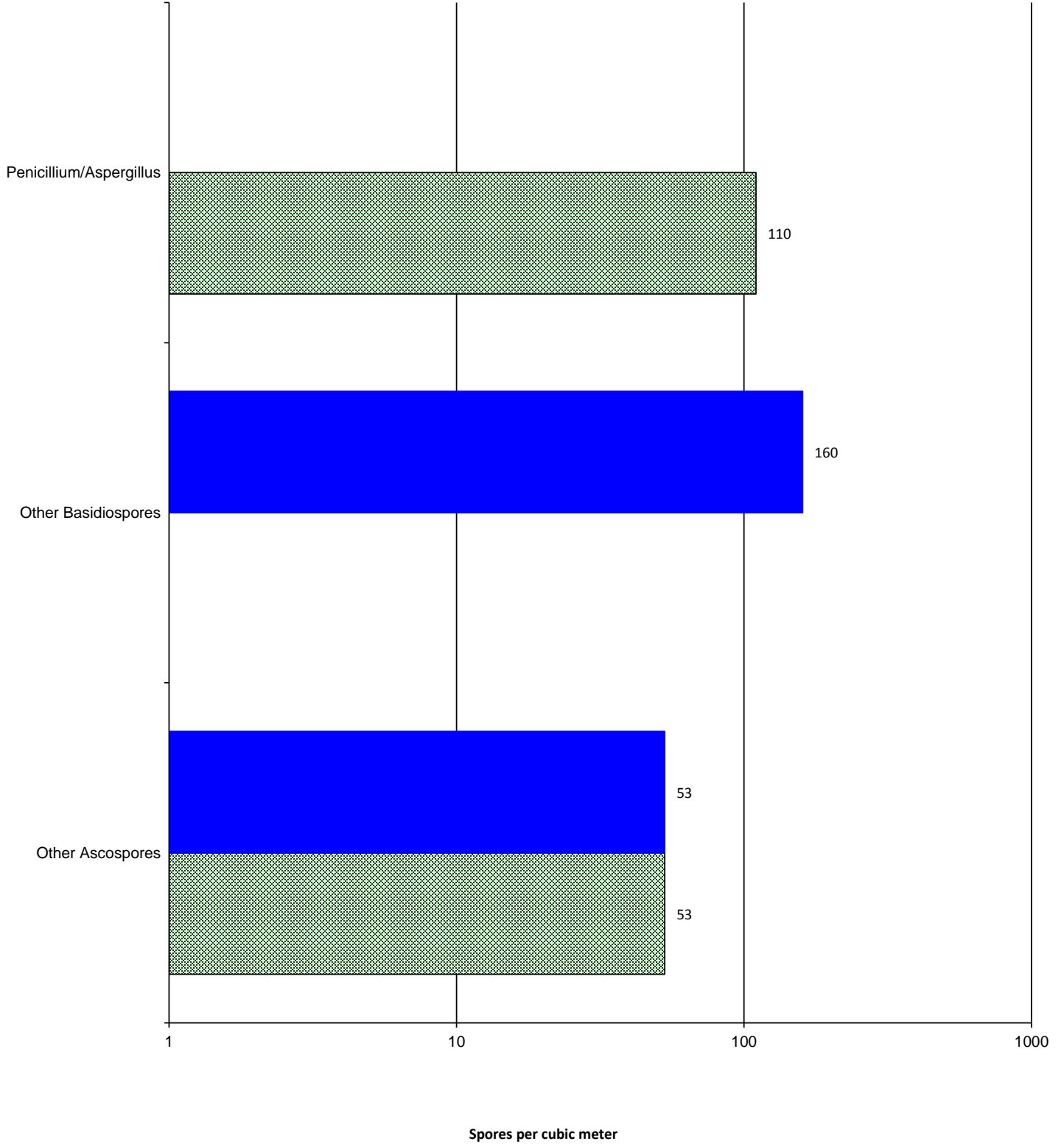
**Chain of Custody #**  1367137



A107

Ambient

Other Basidiospores

160

110

Other Ascospores

53

1          10          100          1000

**Spores per cubic meter**
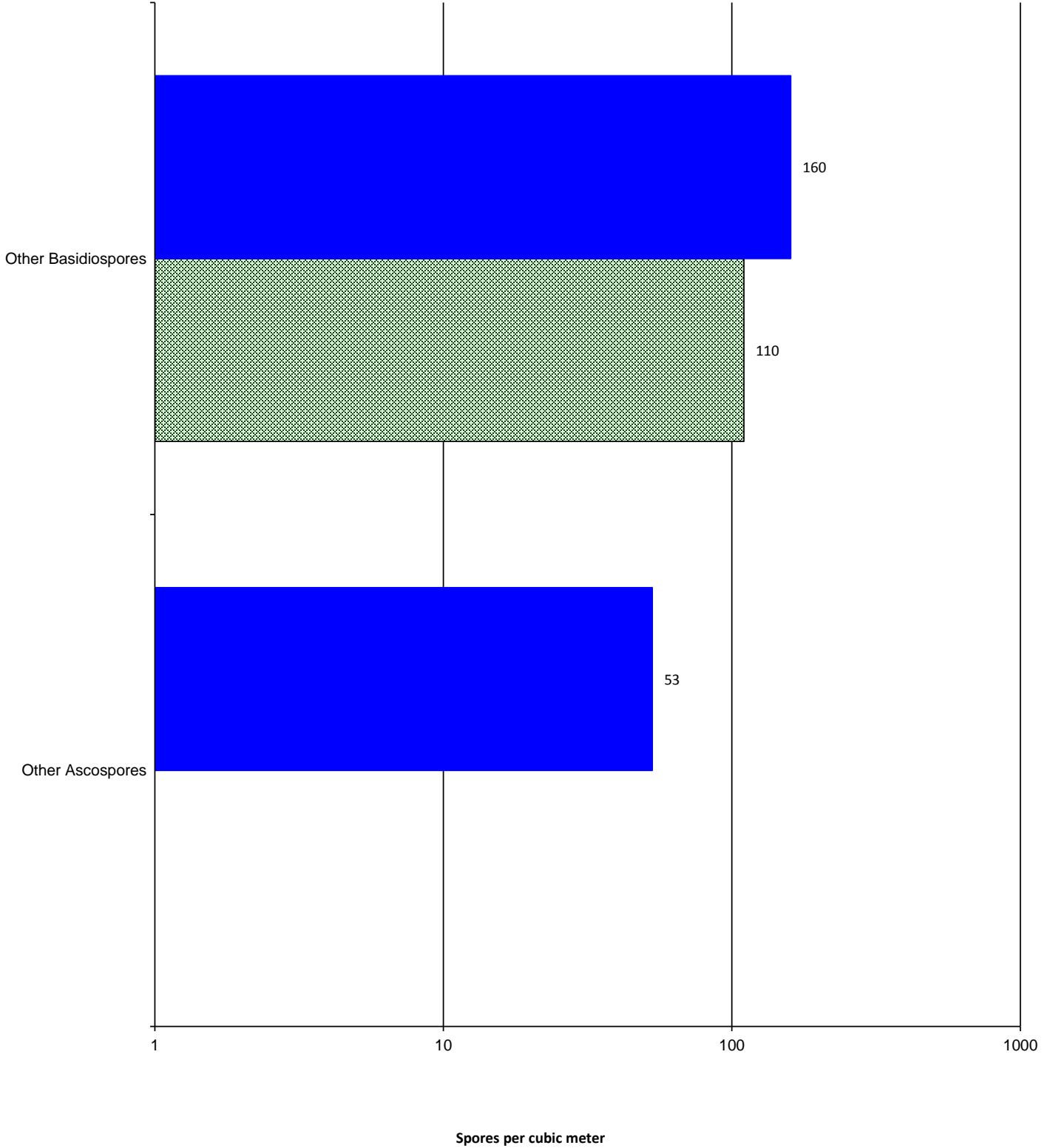
**Chain of Custody #**   1367137

A108

Ambient

Penicillium/Aspergillus

110

Other Basidiospores

160

53

Other Ascospores

53

160

1                          10                          100                          1000

**Spores per cubic meter**
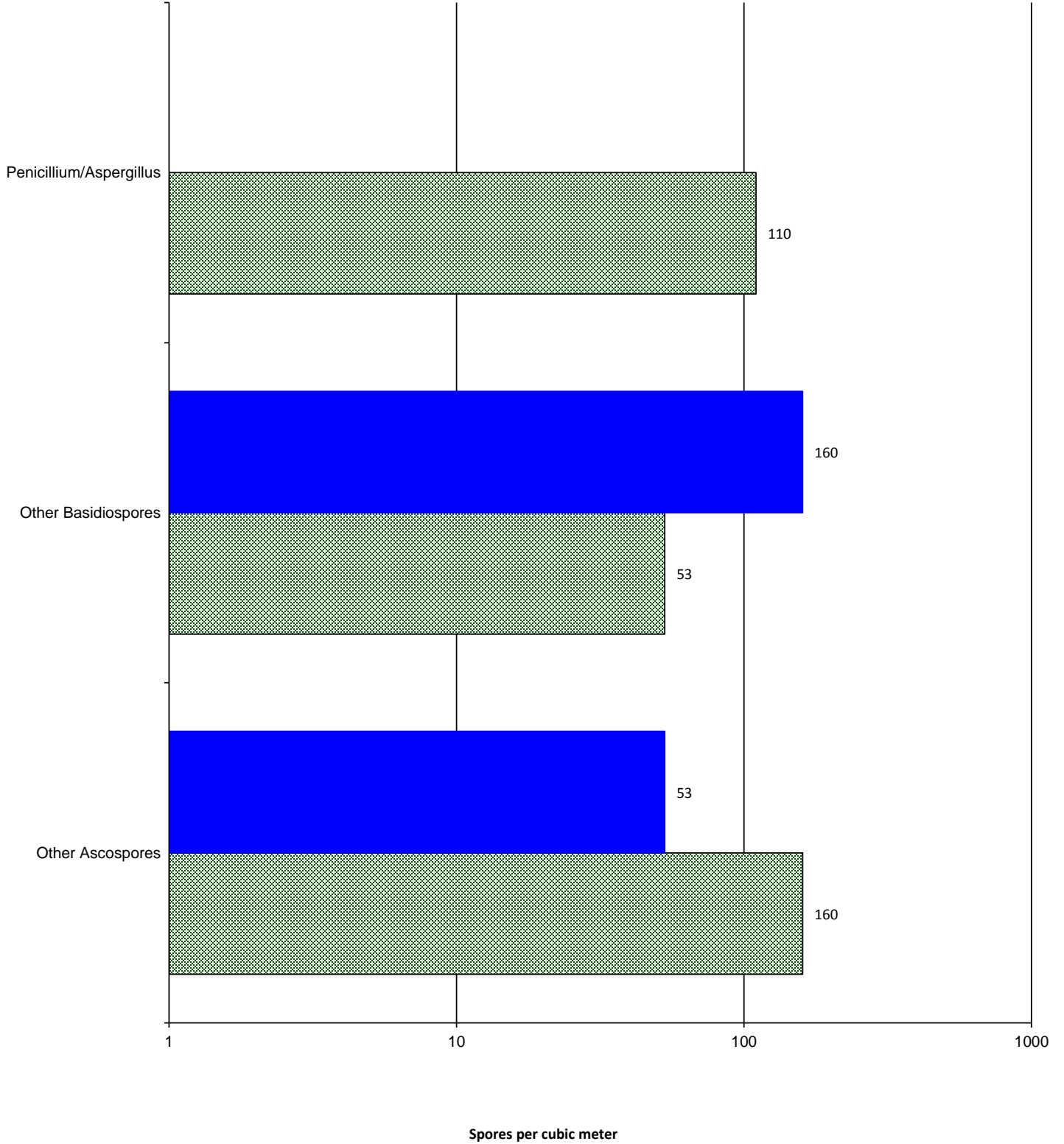
**Chain of Custody #**  1367137

A109

Ambient



**Spores per cubic meter**
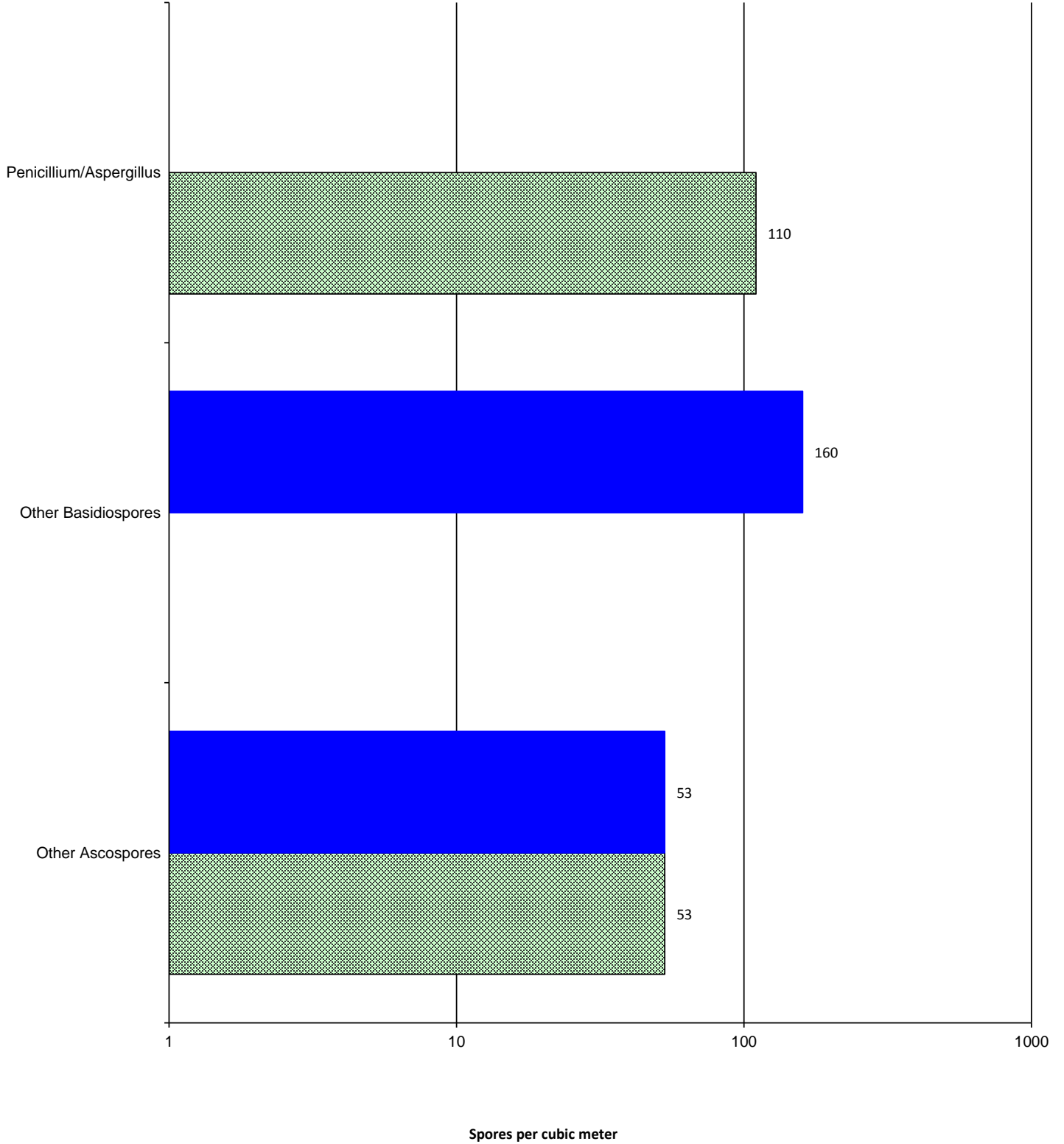
**Chain of Custody #** 1367137

A110

Ambient



**Spores per cubic meter**

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**Chain of Custody #** 1367137

Legend:
- A112
- Ambient



Penicillium/Aspergillus — A112: 53

Other Basidiospores — Ambient: 160, A112: 53

Other Ascospores — Ambient: 53, A112: 110

X-axis: 1, 10, 100, 1000

**Spores per cubic meter**

# PRO-LAB®

1675 North Commerce Parkway, Weston, FL  33326     (954) 384-4446
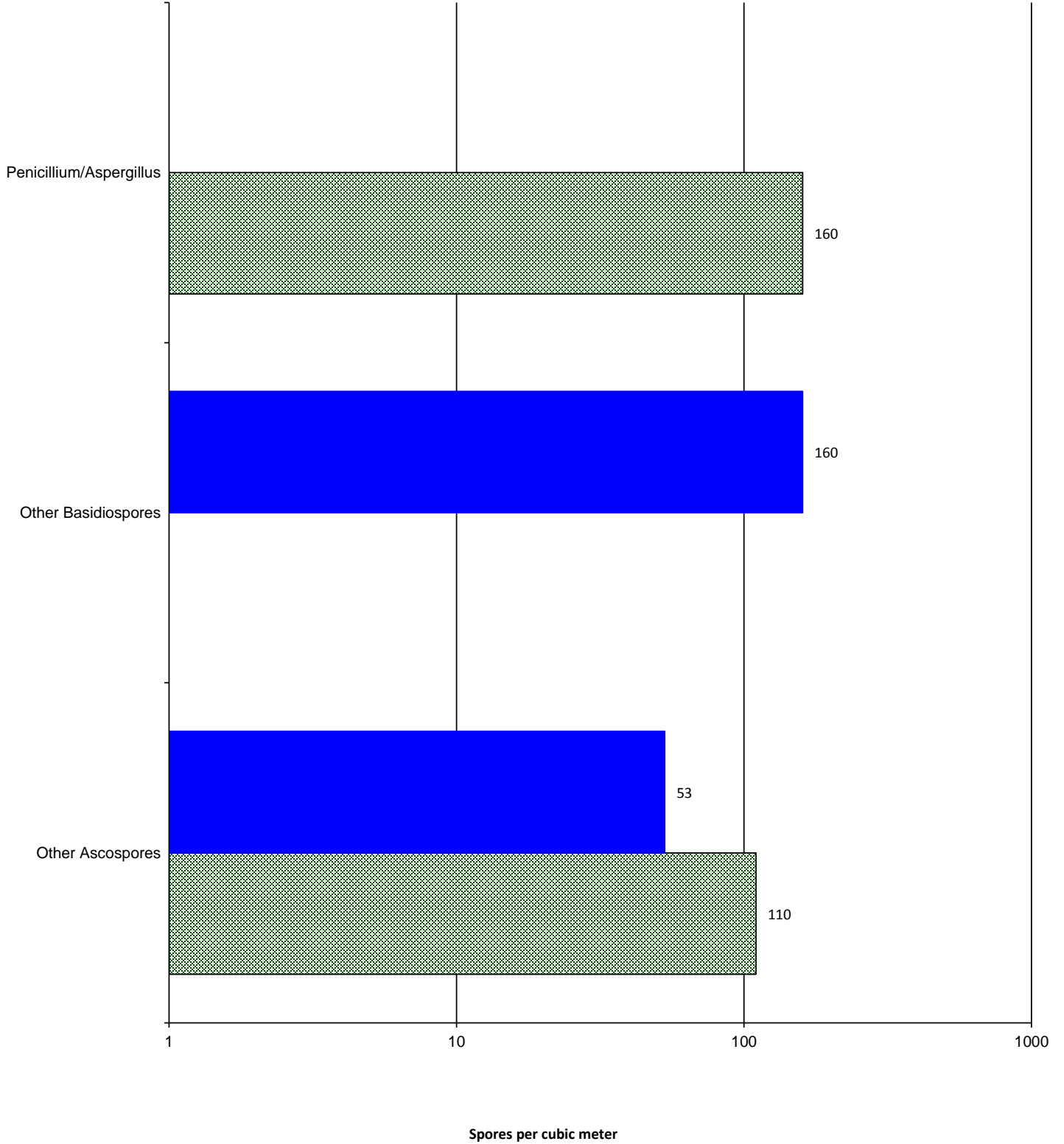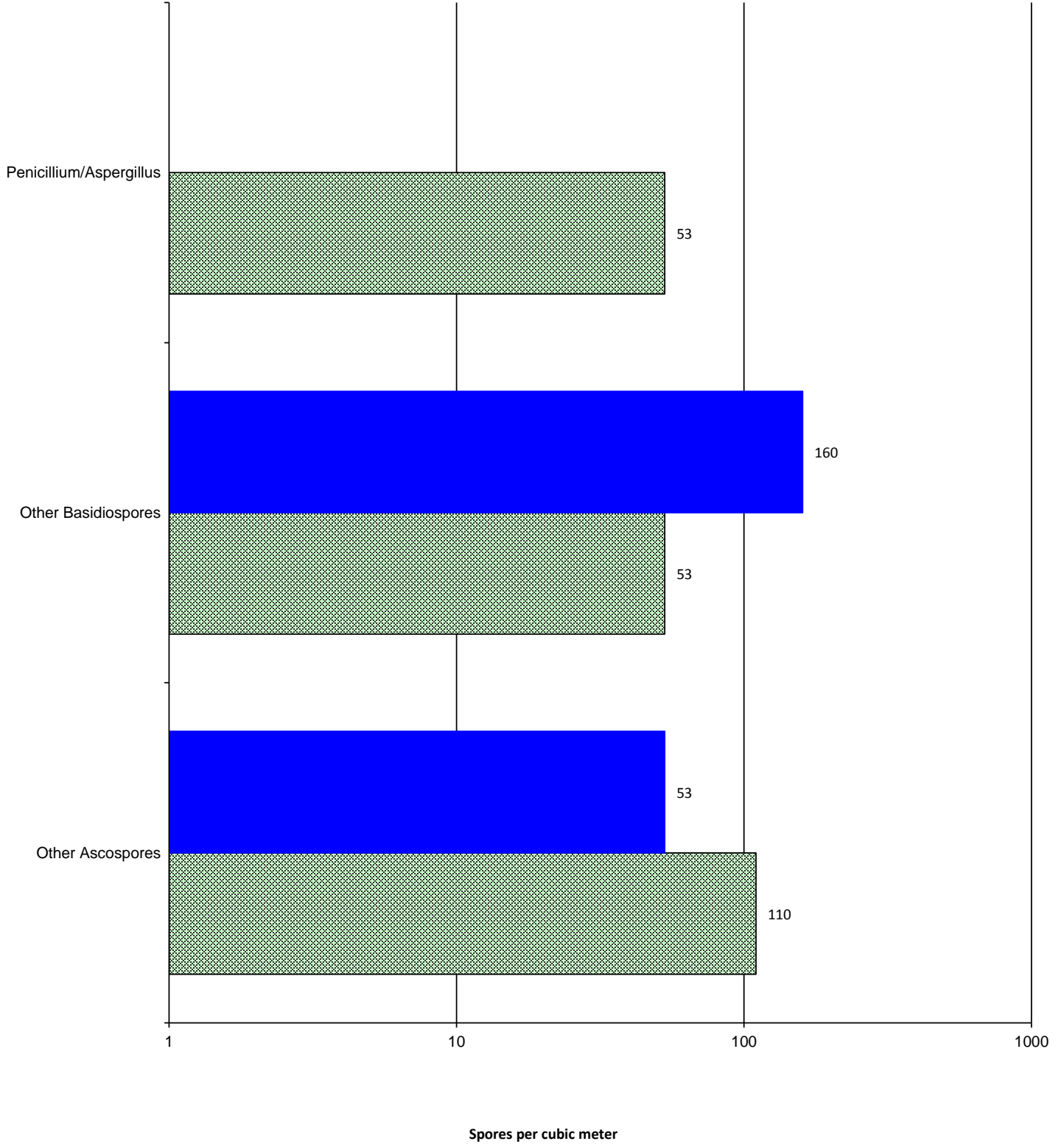
## Chain of Custody #  1367137

A204

Ambient



**Spores per cubic meter**

**Chain of Custody #**   1367137

B101

Ambient

| | | |
|---|---|---|
| Penicillium/Aspergillus | | 160 |
| Other Basidiospores | | 160 |
| Other Ascospores | | 53 |
| | | 53 |

1                    10                    100                    1000

**Spores per cubic meter**

**Chain of Custody #**   1367137

B103

Ambient

Penicillium/Aspergillus

110

Other Basidiospores

160

53

Other Ascospores

53

53

1    10    100    1000

**Spores per cubic meter**

# PRO-LAB®

1675 North Commerce Parkway, Weston, FL 33326    (954) 384-4446
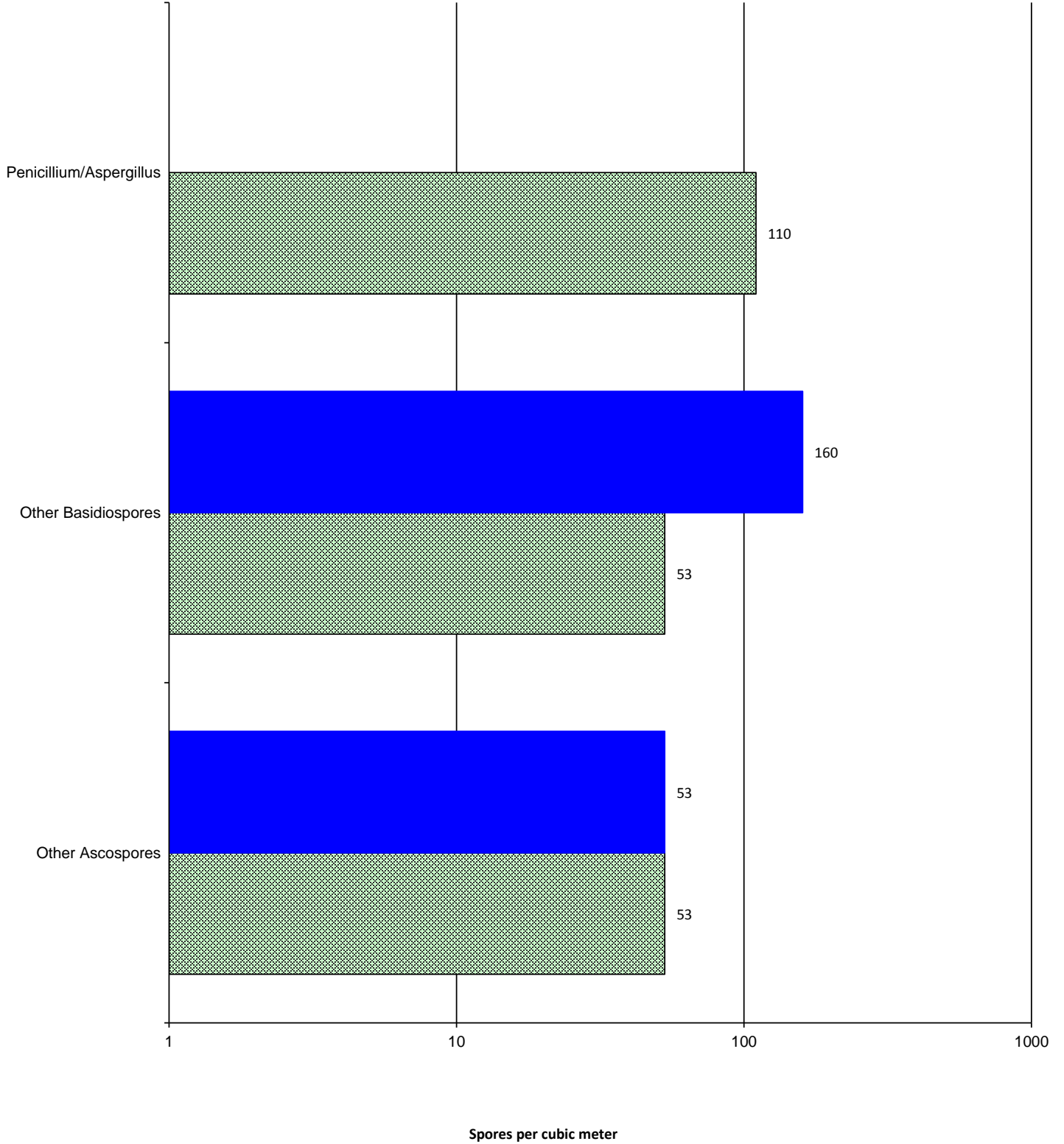
**Chain of Custody #** 1367137

B105

Ambient

Penicillium/Aspergillus

110

Other Basidiospores

160

Other Ascospores

53

110

1    10    100    1000

**Spores per cubic meter**

**Chain of Custody #**  1367137

B107

Ambient

Penicillium/Aspergillus

160

Other Basidiospores

160

53

Other Ascospores

110

1                    10                    100                    1000

**Spores per cubic meter**
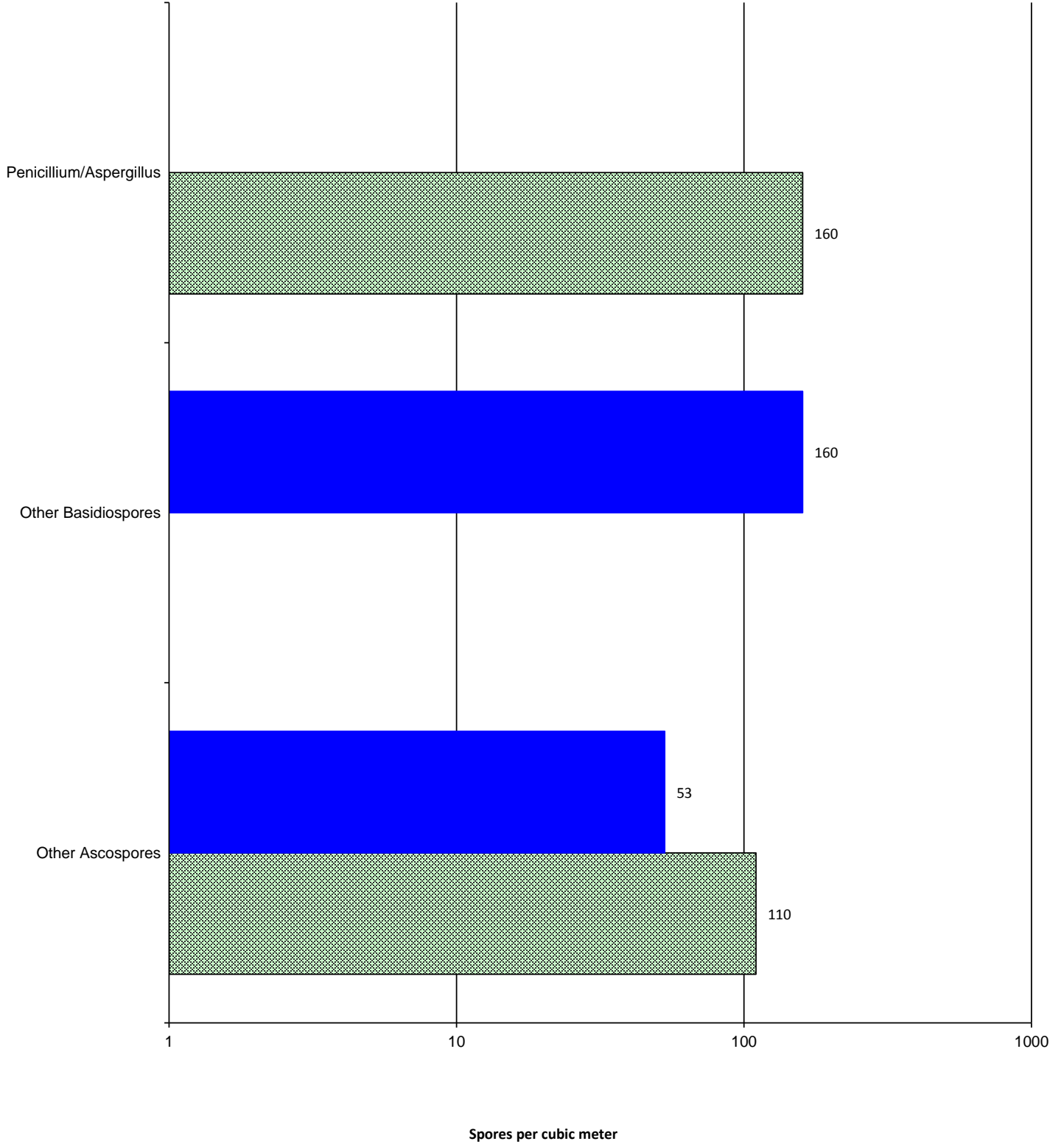
**Chain of Custody #**   1367137

B111

Ambient

Penicillium/Aspergillus — 53

Other Basidiospores — 160

Other Ascospores — 53 / 53

1        10        100        1000

**Spores per cubic meter**

**Chain of Custody #**  1367137



Spores per cubic meter
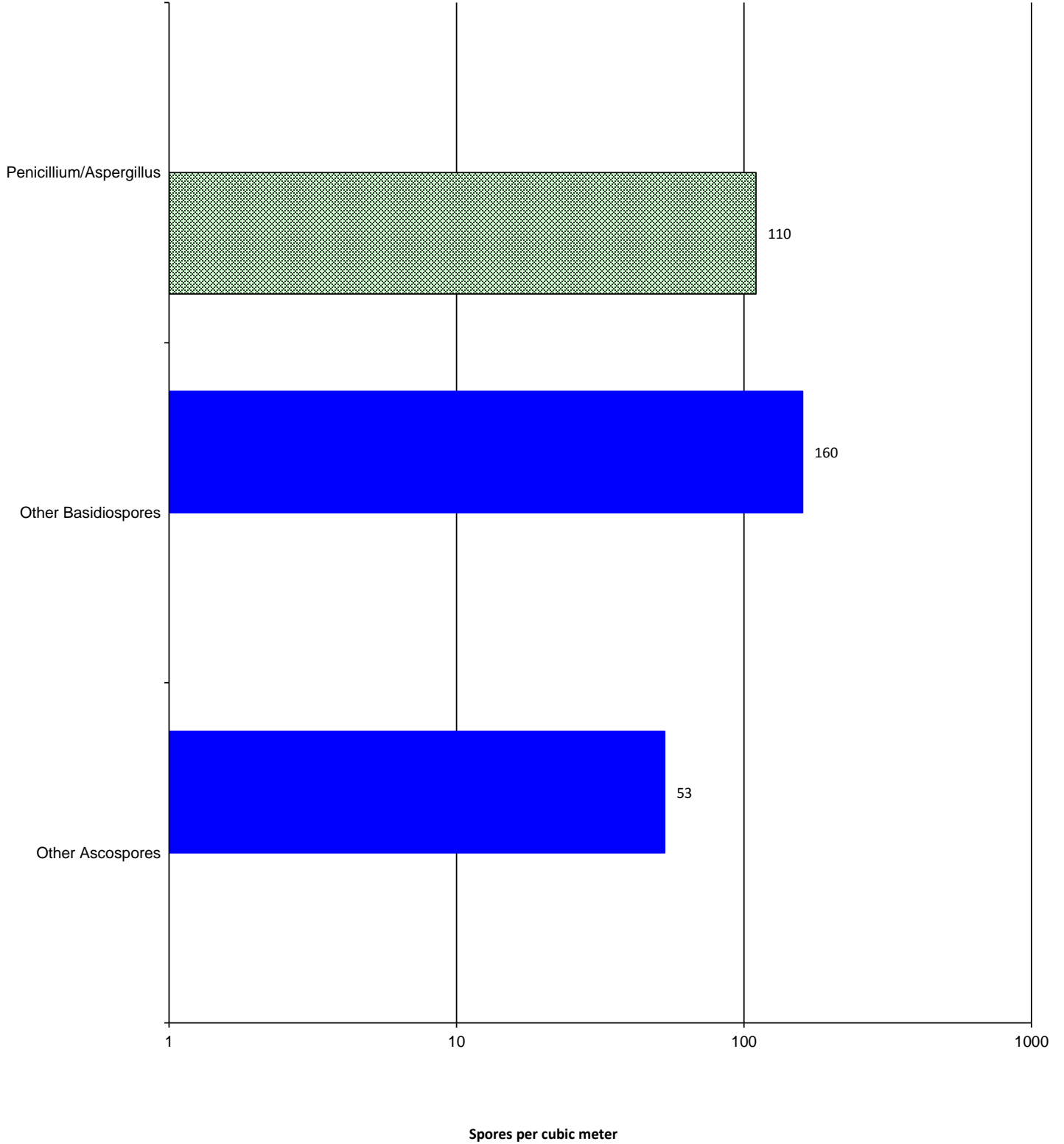
**Chain of Custody #**   1367137

C101

Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160 (Ambient), 110 (C101)

Other Ascospores — 53 (Ambient), 53 (C101)

1          10          100          1000

**Spores per cubic meter**

**1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446**
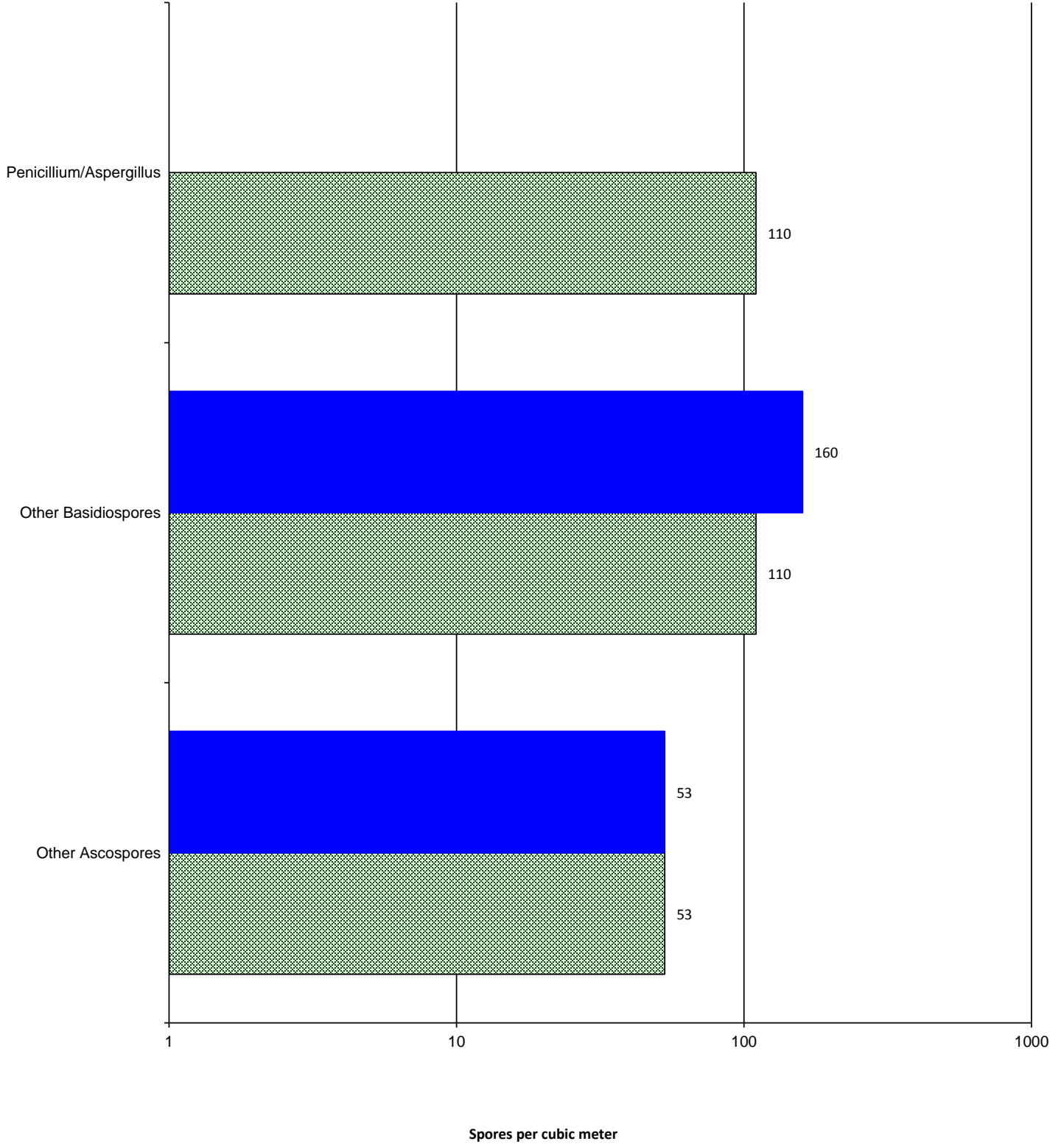
**Chain of Custody #** 1367137

C102

Ambient

Penicillium/Aspergillus

160

Other Basidiospores

160

53

Other Ascospores

110

1                          10                          100                          1000

**Spores per cubic meter**
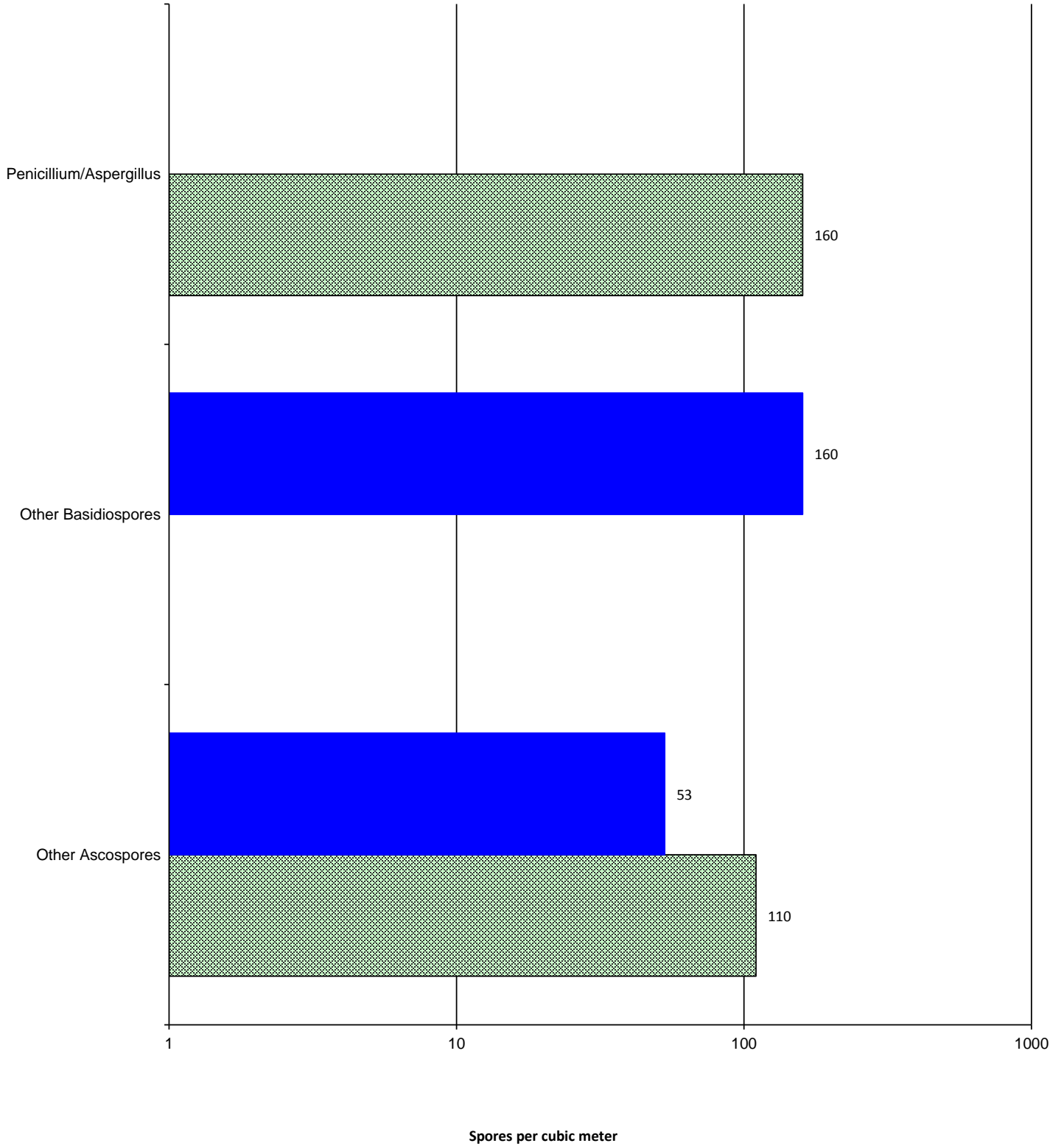
**Chain of Custody #**  1367137

C105

Ambient

Penicillium/Aspergillus

53

Other Basidiospores

160

53

Other Ascospores

53

110

1                      10                     100                    1000

**Spores per cubic meter**

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**1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446**

**Chain of Custody #** 1367137

Legend:
- C109
- Ambient

Penicillium/Aspergillus — 270
Other Basidiospores — 160
Other Ascospores — 53 (Ambient), 53 (C109)

x-axis: 1, 10, 100, 1000

**Spores per cubic meter**

**Chain of Custody #**  1367137



Spores per cubic meter

**Chain of Custody #**   1367137

C204

Ambient

Other Basidiospores

160

110

Other Ascospores

53

53

1                         10                        100                       1000

**Spores per cubic meter**

**Chain of Custody #**   1367137



**Spores per cubic meter**
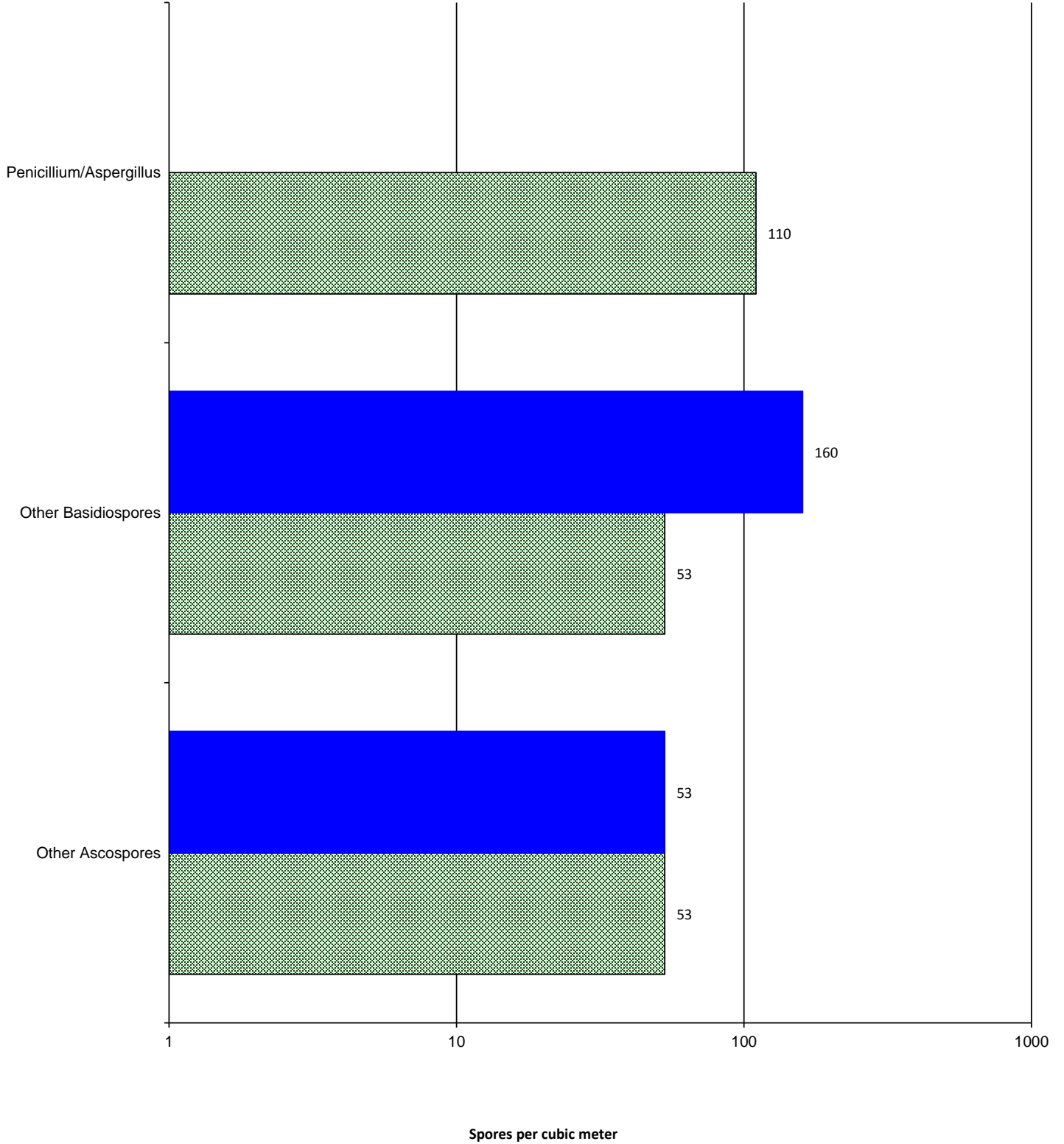
**Chain of Custody #**  1367137

C209

Ambient



Penicillium/Aspergillus  110

Other Basidiospores  160

Other Ascospores  53

53

1  10  100  1000

**Spores per cubic meter**
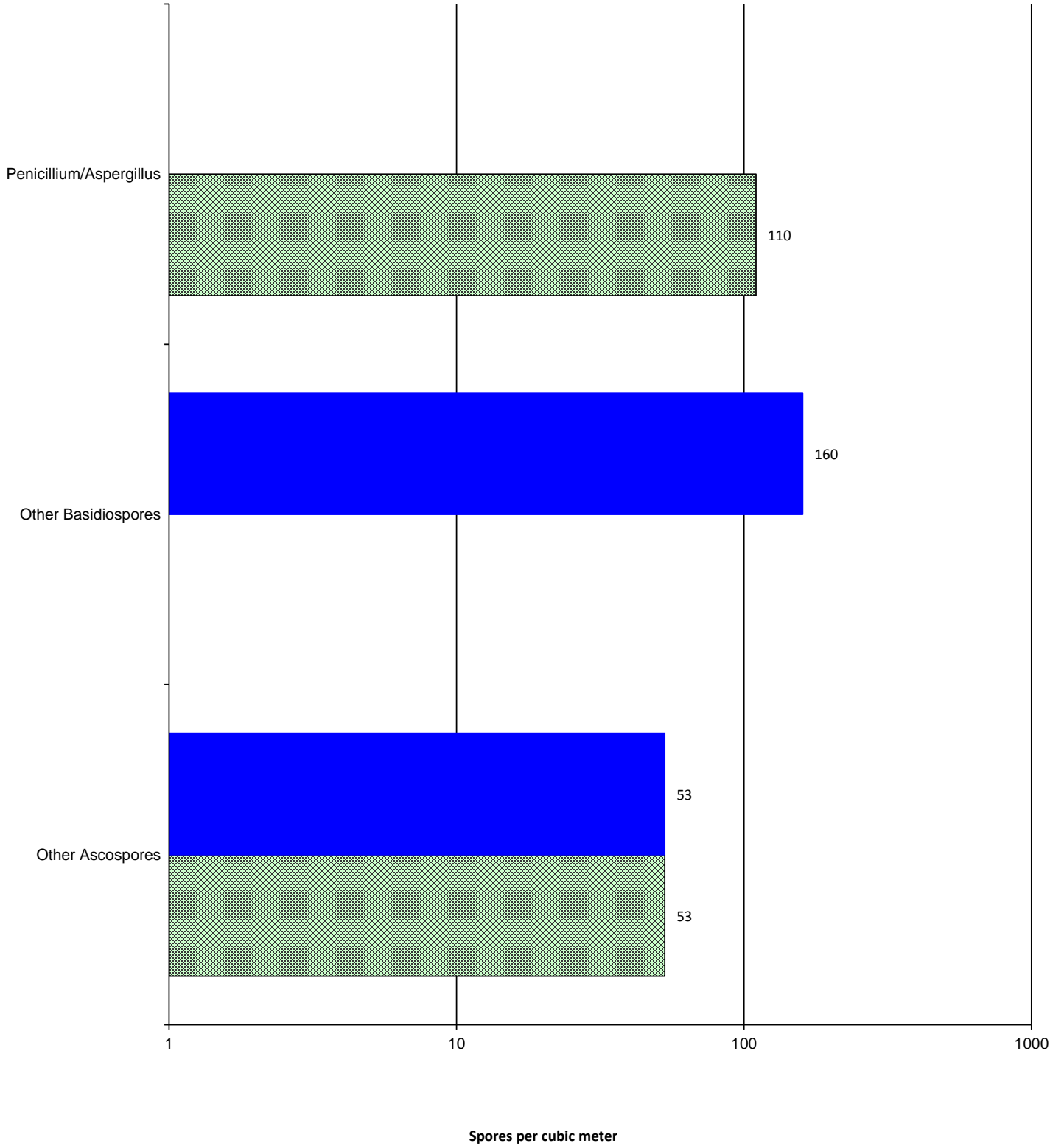
**Chain of Custody #**   1367137

C211

Ambient

Other Basidiospores

160

53

Other Ascospores

53

160

1                                          10                                          100                                          1000

**Spores per cubic meter**

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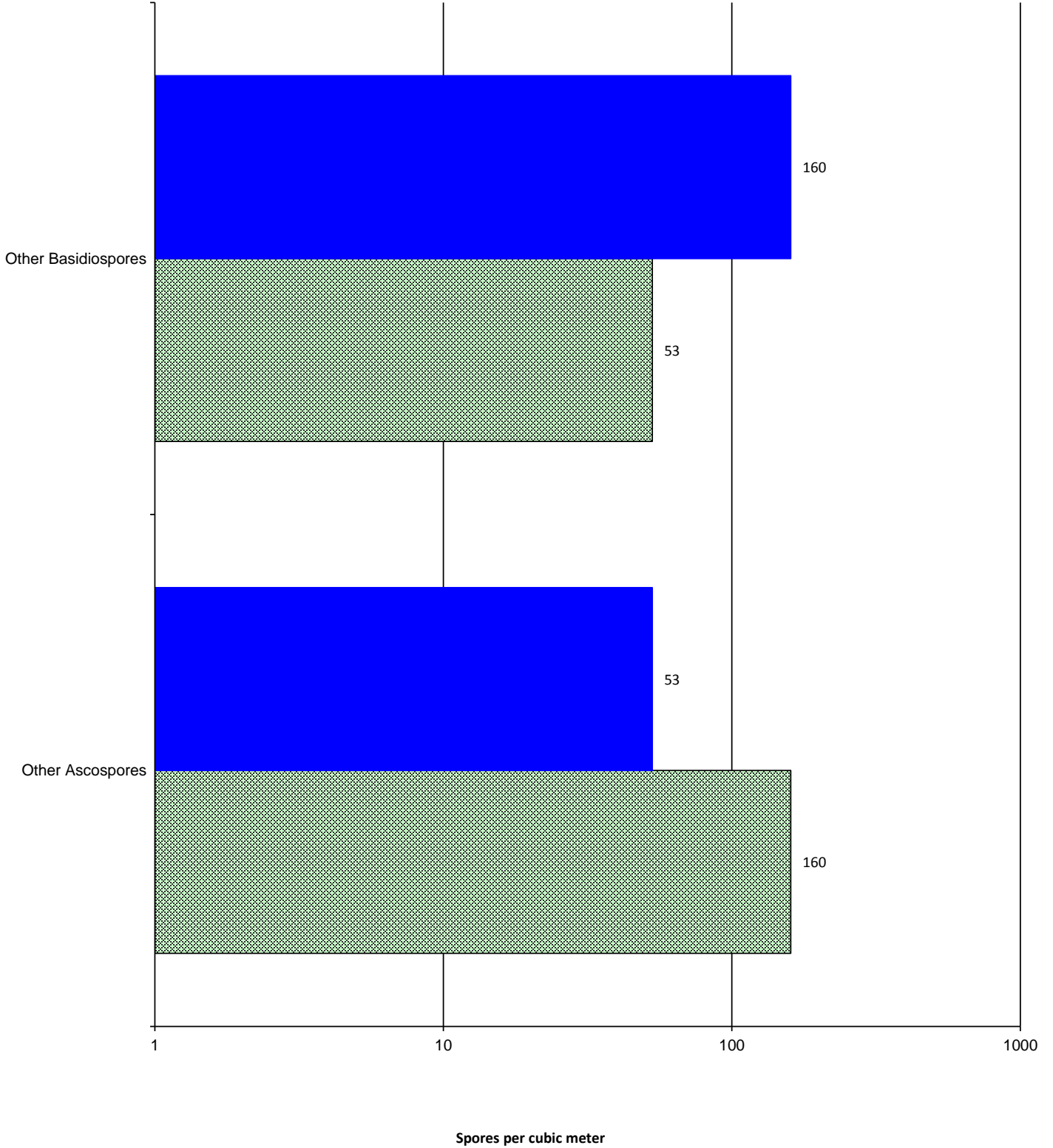
**Chain of Custody #**   1367137

- D101
- Ambient
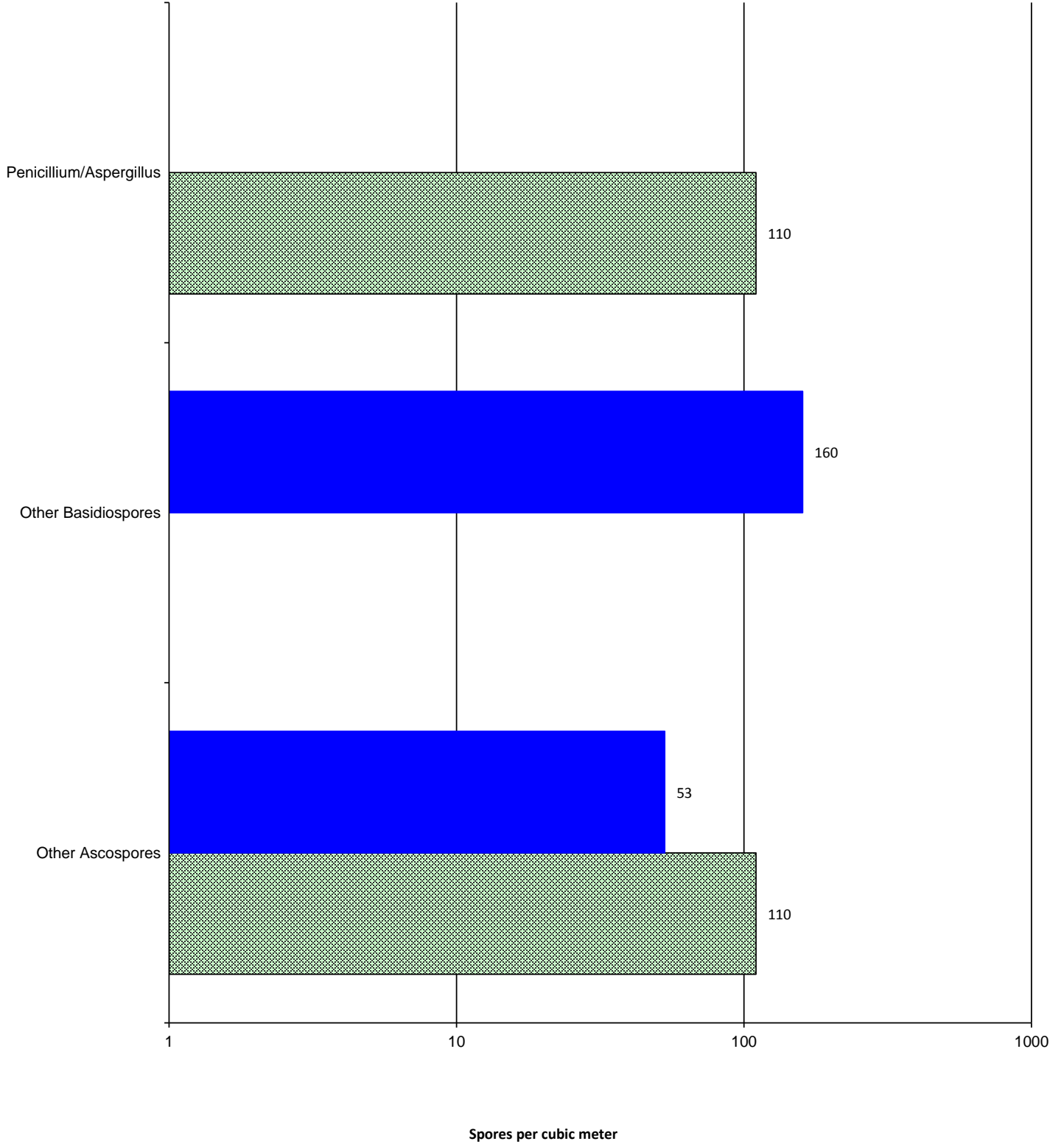
**Chain of Custody #**   1367137

D102

Ambient



**Spores per cubic meter**
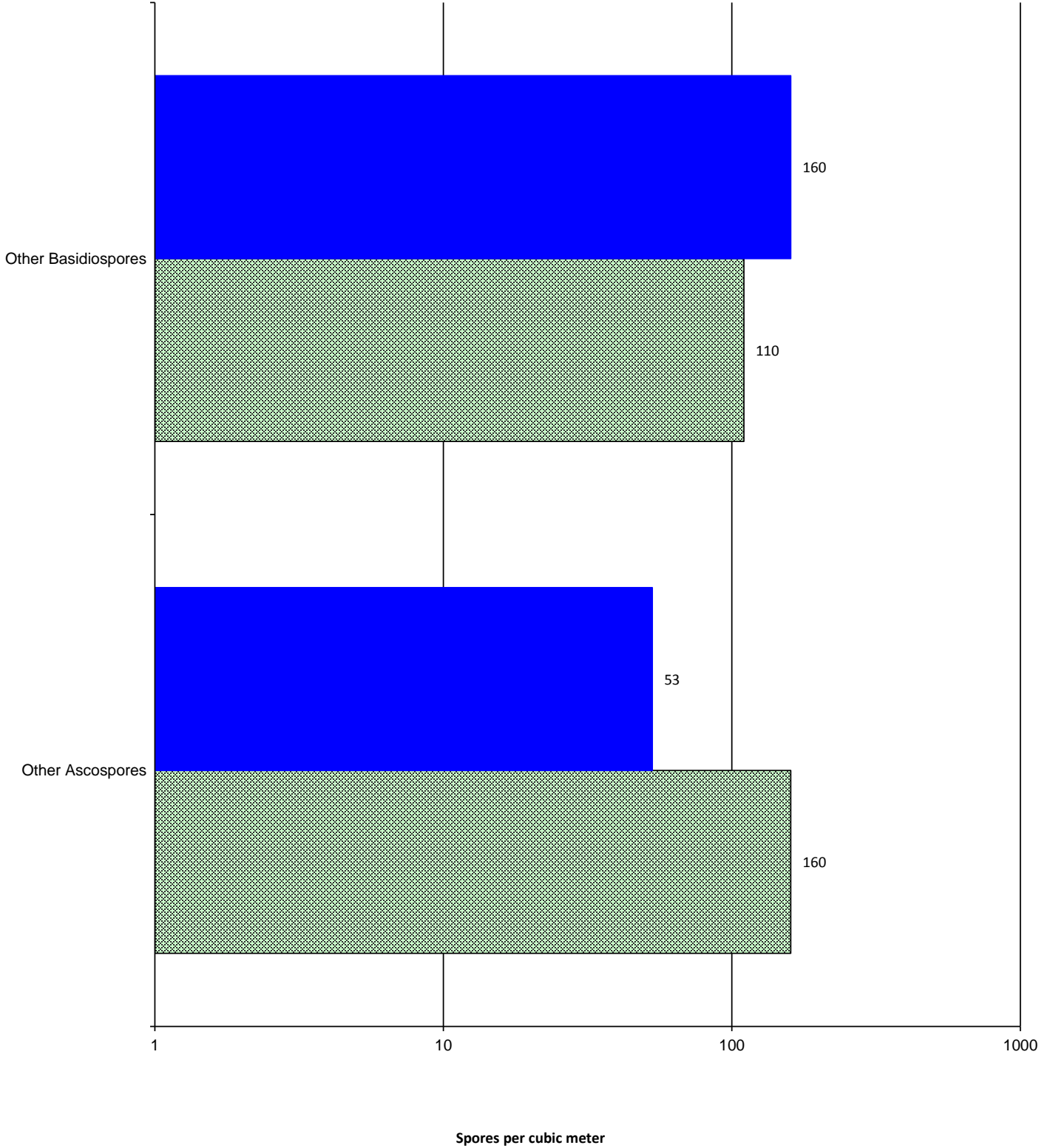
**Chain of Custody #**  1367137

Student Services-A

Ambient

Smuts, myxomycetes — 53

Other Basidiospores — 160 (Ambient), 160 (Student Services-A)

Other Ascospores — 53 (Ambient), 53 (Student Services-A)

1          10          100          1000

**Spores per cubic meter**
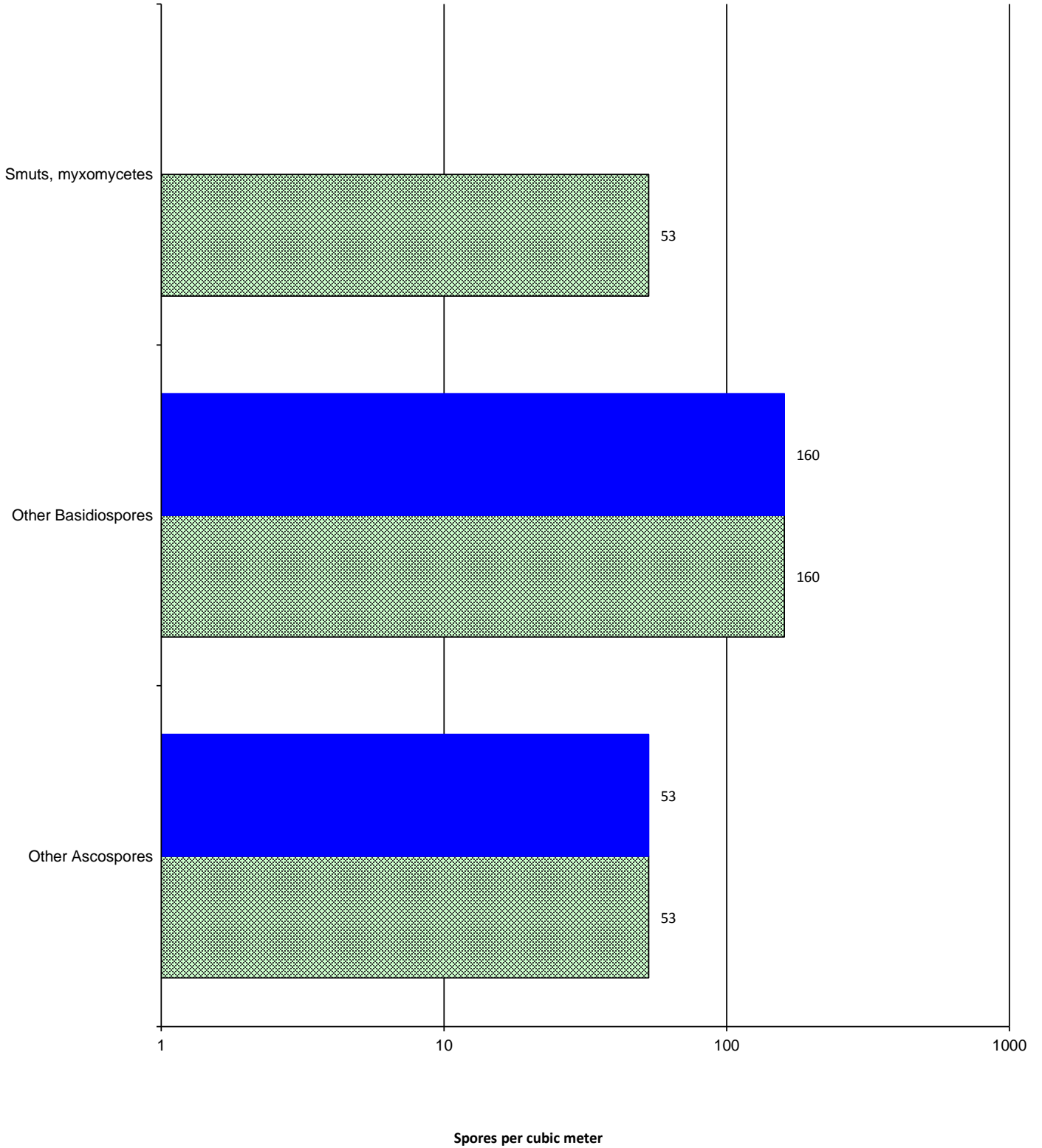
**Chain of Custody #**  1367137

Student Services-B

Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Basidiospores — 53

Other Ascospores — 53

Other Ascospores — 110

1          10          100          1000

**Spores per cubic meter**
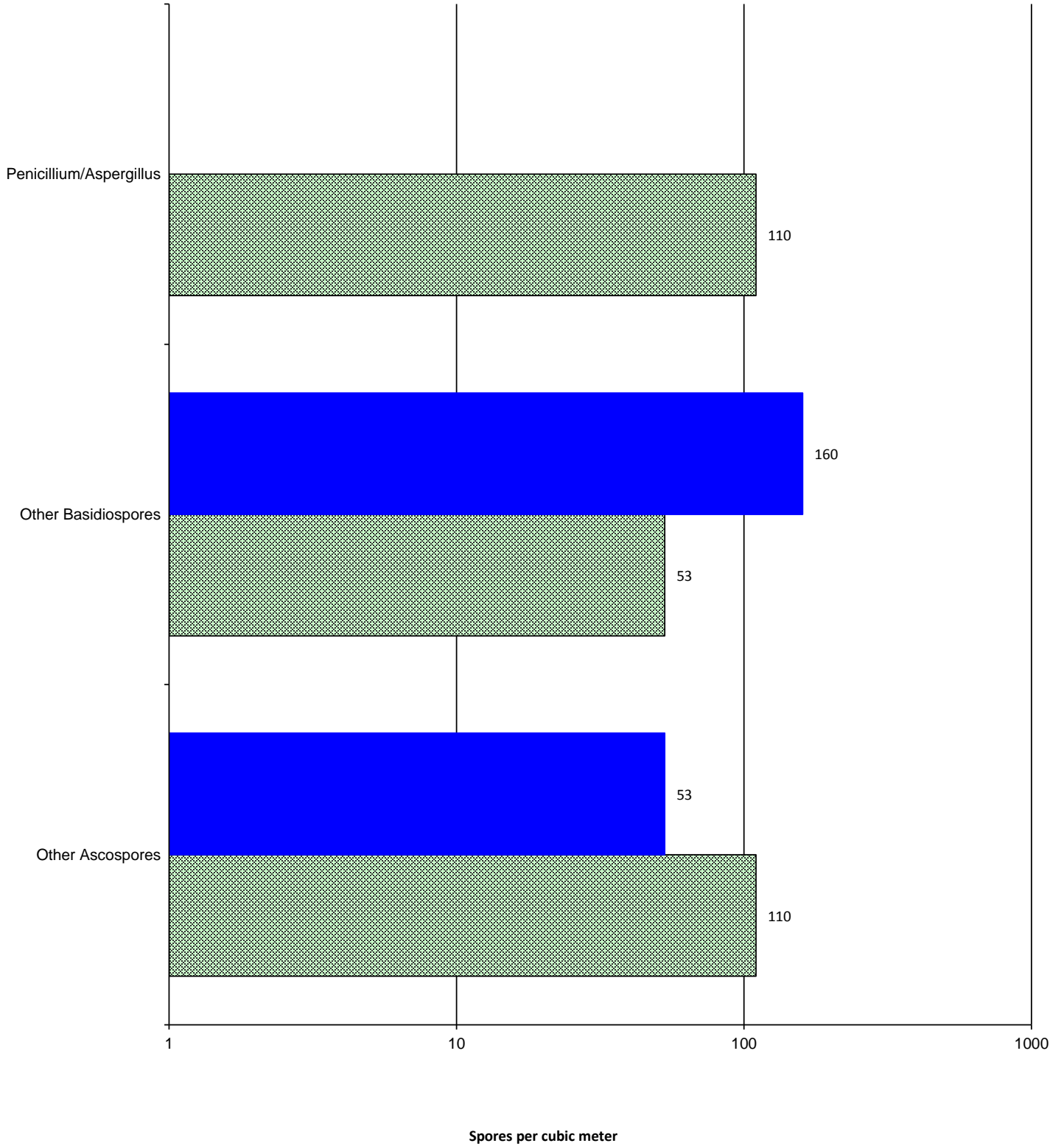
**Chain of Custody #**   1367137

Student Services-C

Ambient



Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Ascospores — 53 / 110

**Spores per cubic meter**
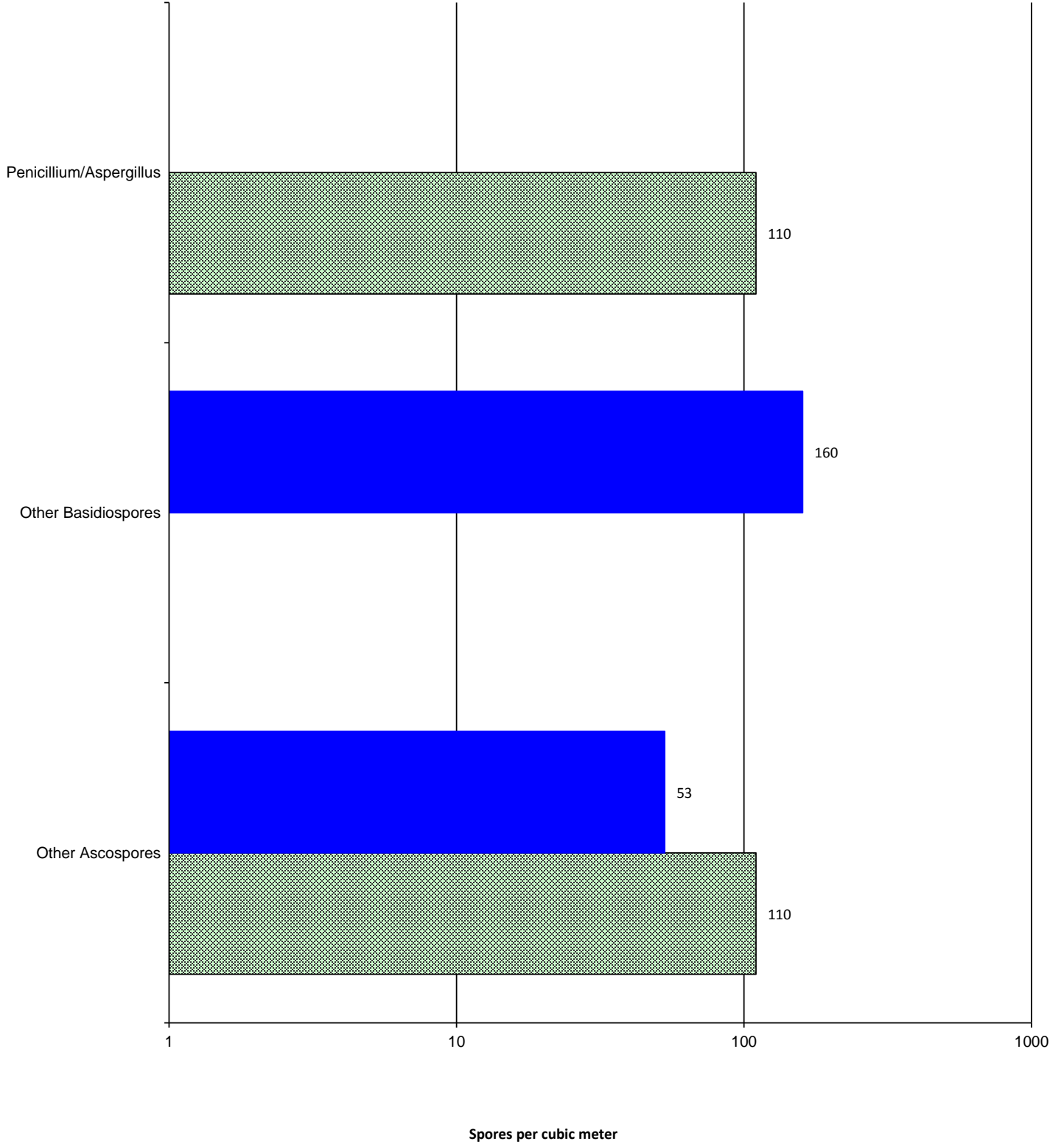
**Chain of Custody #**  1367137

Student Services-D
Ambient



**Spores per cubic meter**
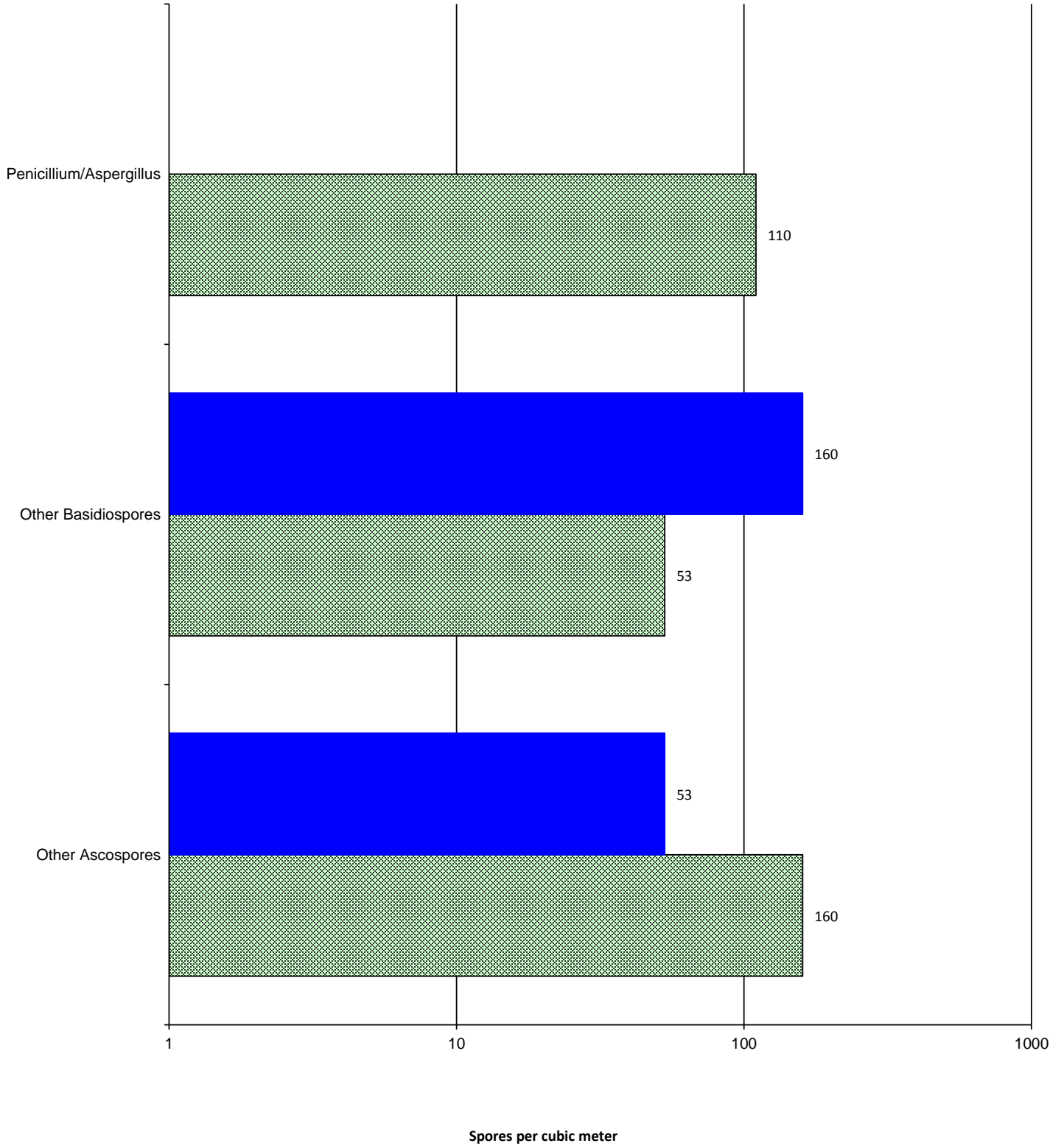
**Chain of Custody #**   1367137

Student Services-E

Ambient



**Spores per cubic meter**
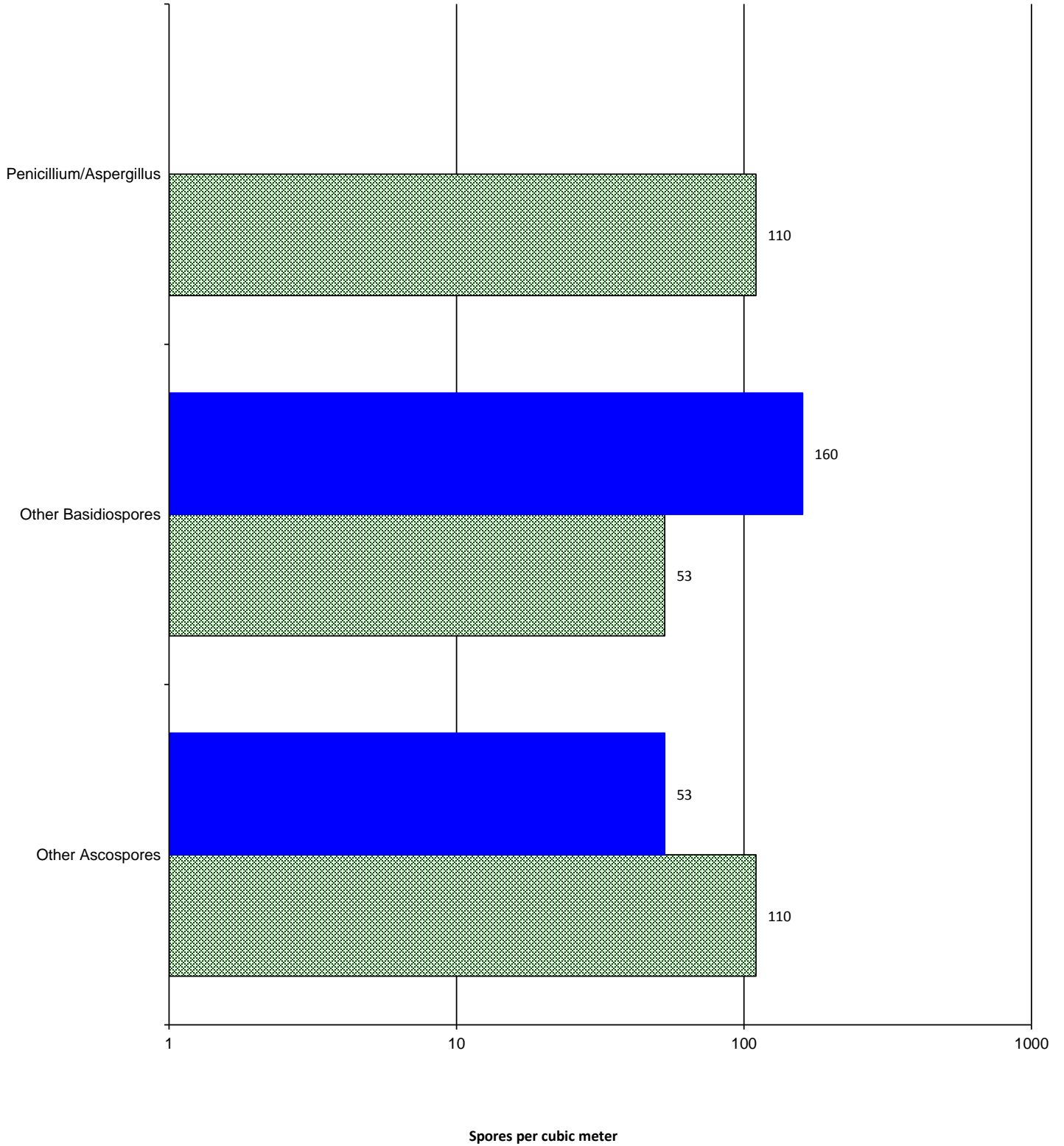
**Chain of Custody #**   1367137

Student Services-F

Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Ascospores — 53 / 110

**Spores per cubic meter**
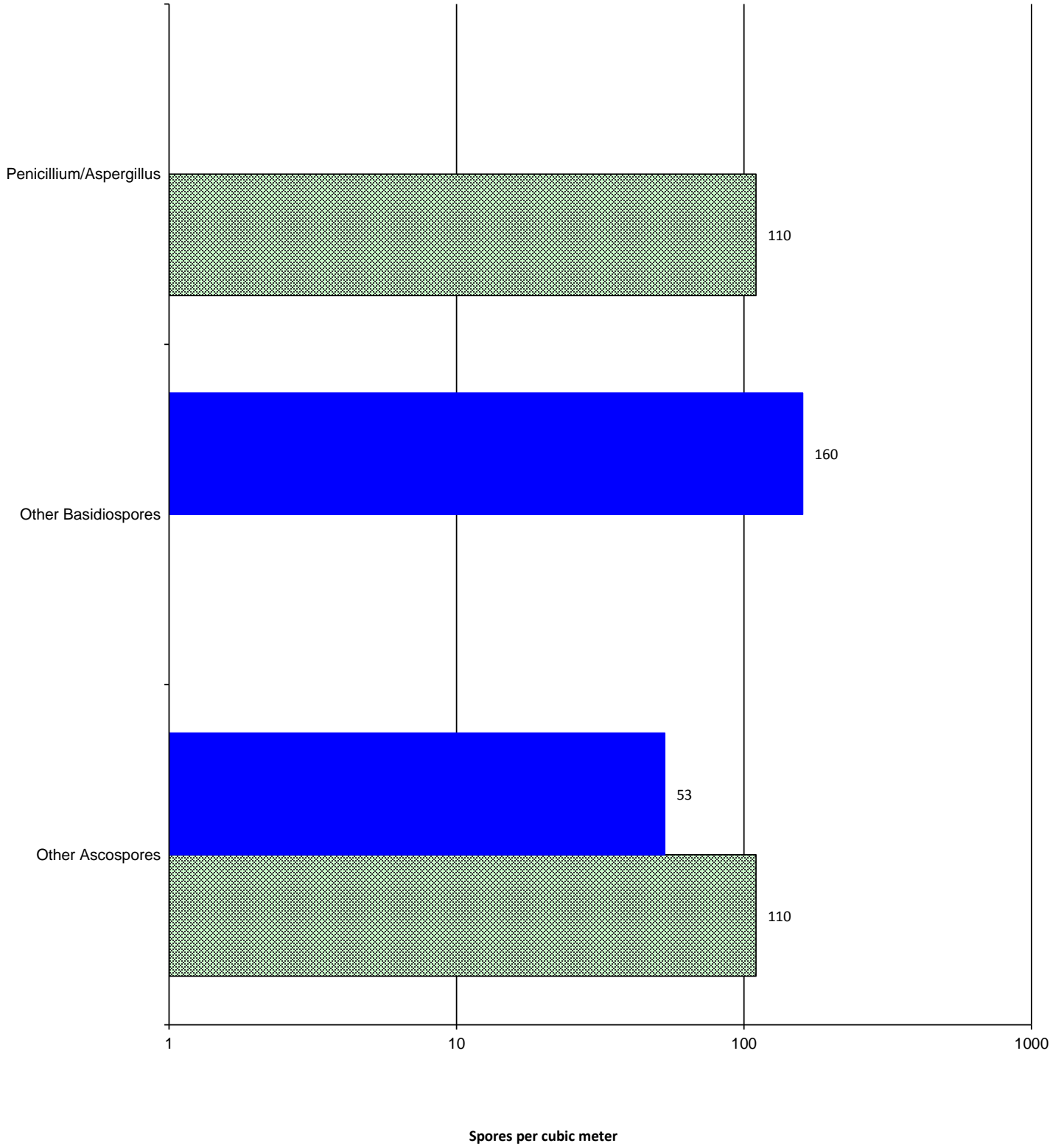
**Chain of Custody #** 1367137

Jrotc Break Rm

Ambient



Penicillium/Aspergillus — 110

Other Basidiospores — 160, 53

Other Ascospores — 53, 110

1       10       100       1000

**Spores per cubic meter**

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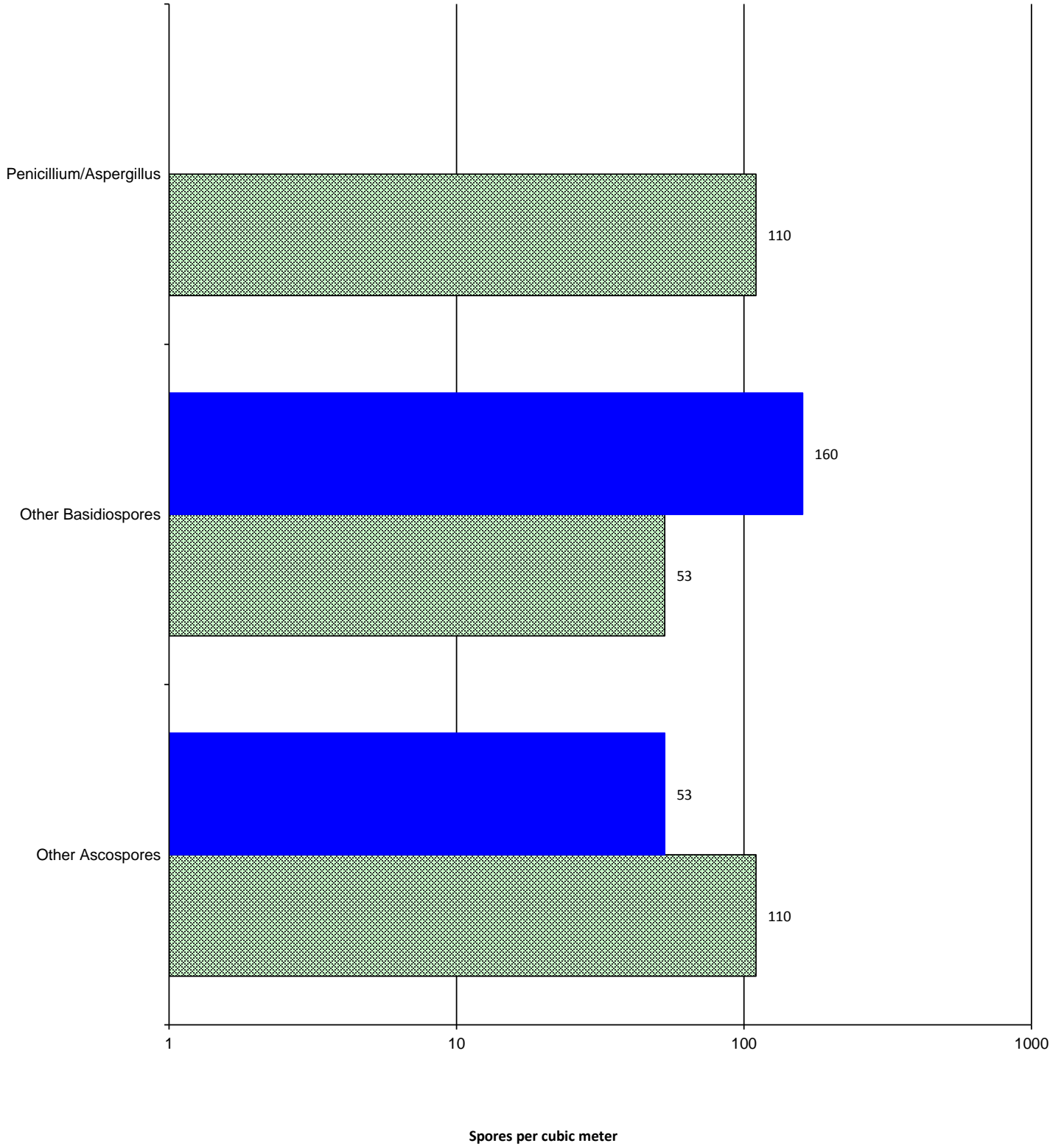
## Chain of Custody #   1367137

Jrotc Office

Ambient



**Spores per cubic meter**

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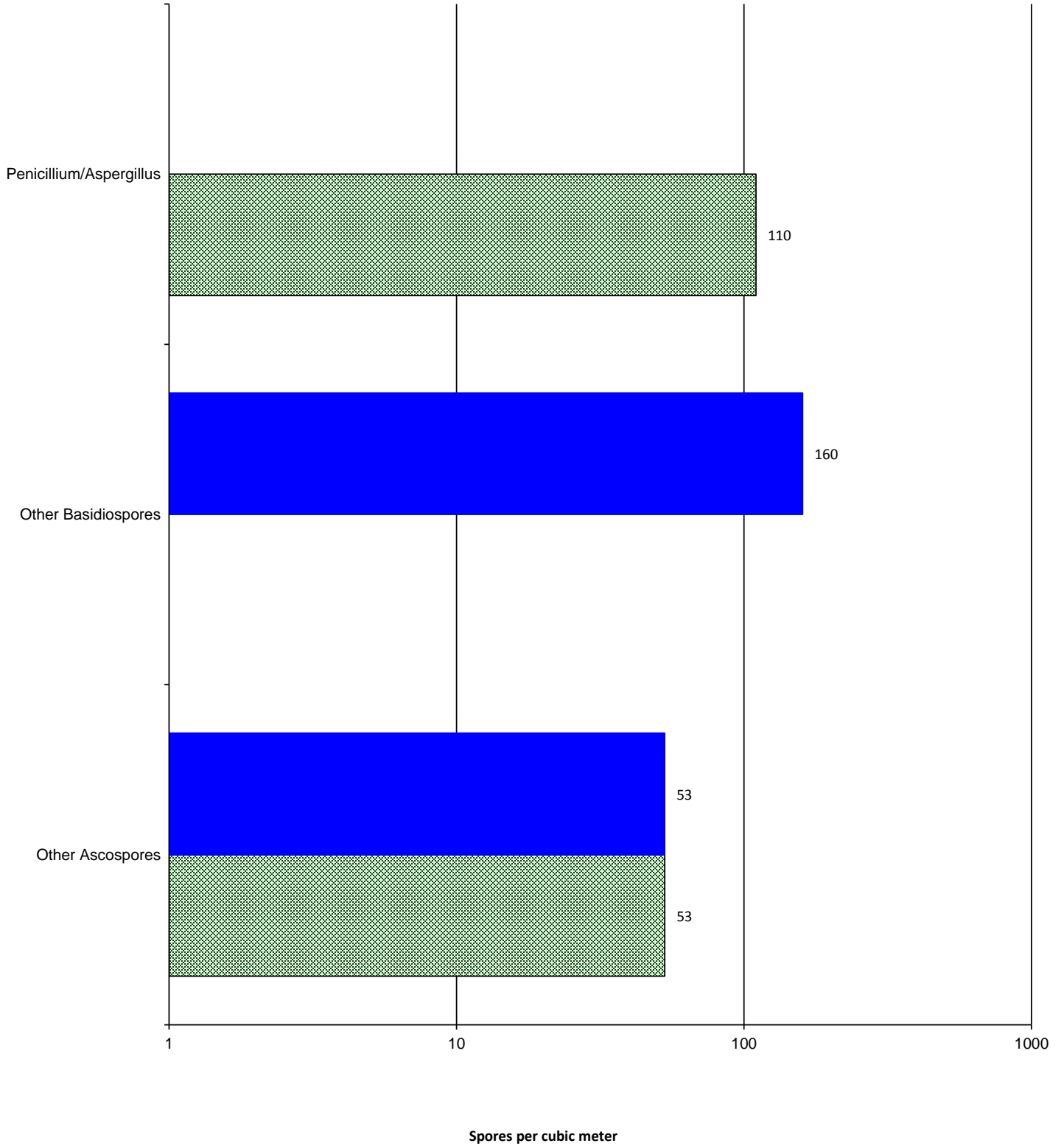
**Chain of Custody #**  1367137

Tv Studio
Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Ascospores — 53 / 110

**Spores per cubic meter**
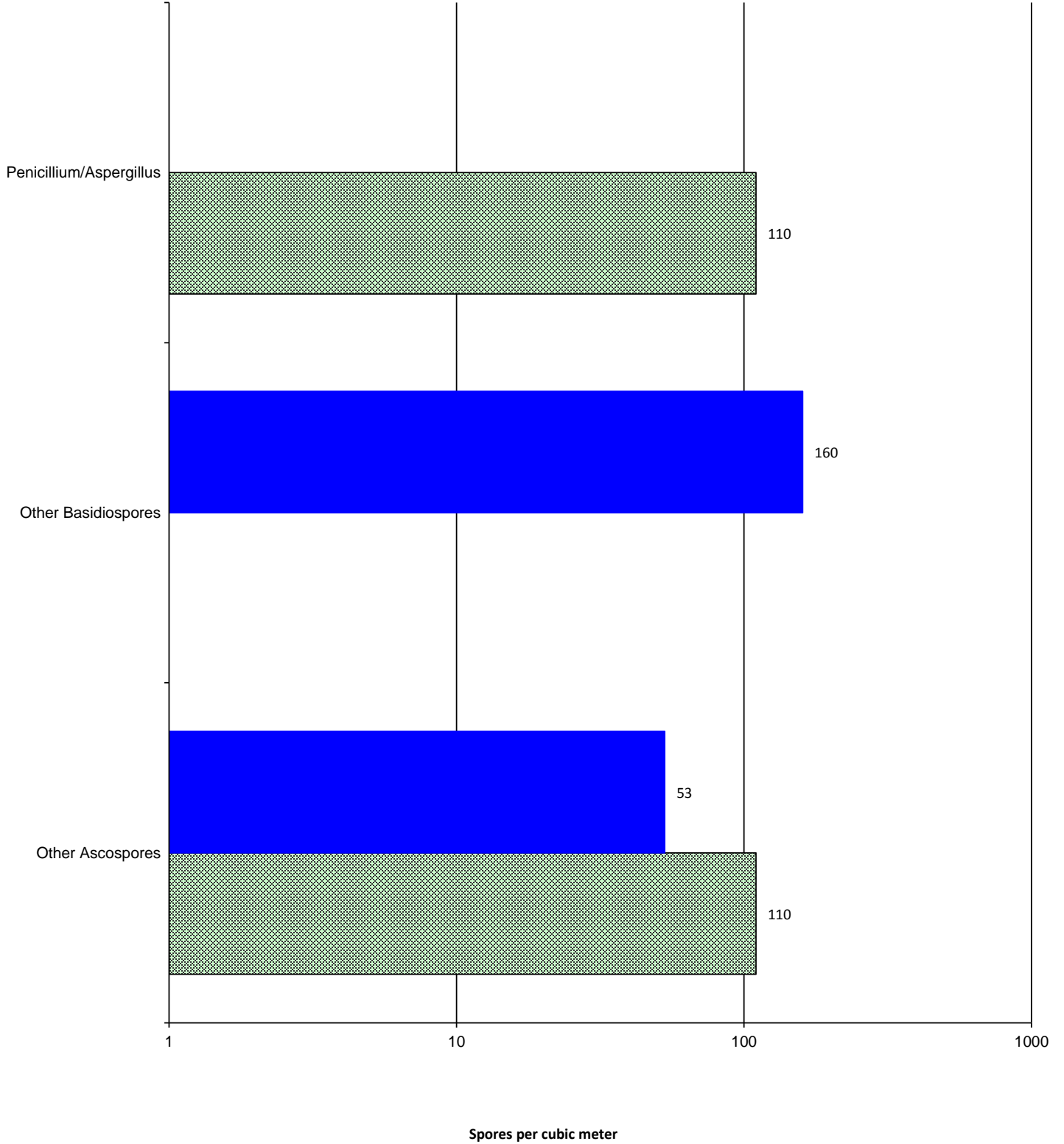
**Chain of Custody #**  1367137



Library
Ambient
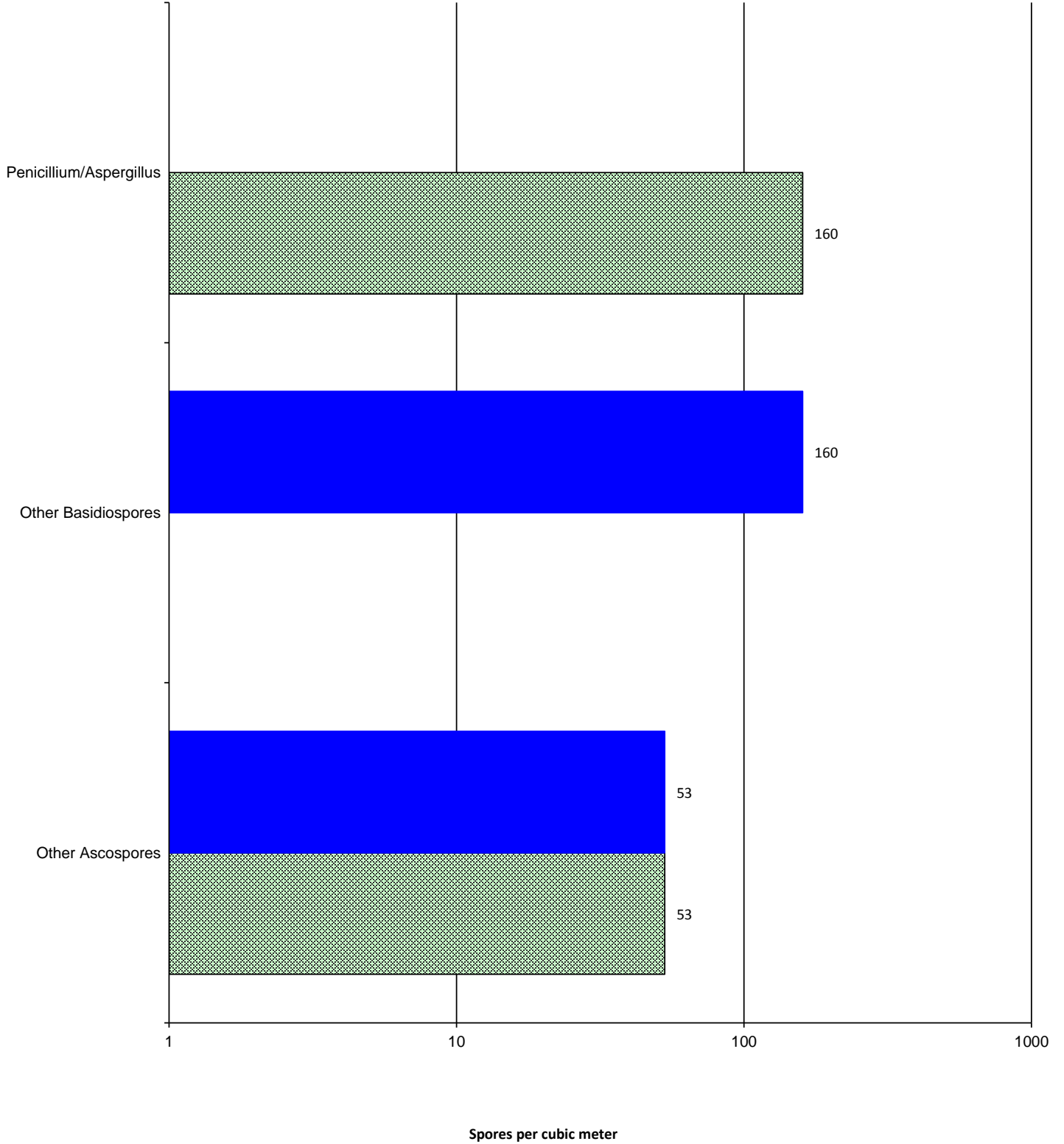
Penicillium/Aspergillus    160

Other Basidiospores    160

Other Ascospores    53
53

1    10    100    1000

**Spores per cubic meter**

**Chain of Custody #**  1367137



Spores per cubic meter

**Chain of Custody #**  1367137

2Nd Fl Faculty Rm

Ambient

Penicillium/Aspergillus — 110

Other Basidiospores — 160

Other Basidiospores — 53

Other Ascospores — 53

Other Ascospores — 110

1    10    100    1000

**Spores per cubic meter**

**Chain of Custody #**  1367137



Spores per cubic meter

**Chain of Custody #**   1367137

Stage
Ambient



**Spores per cubic meter**
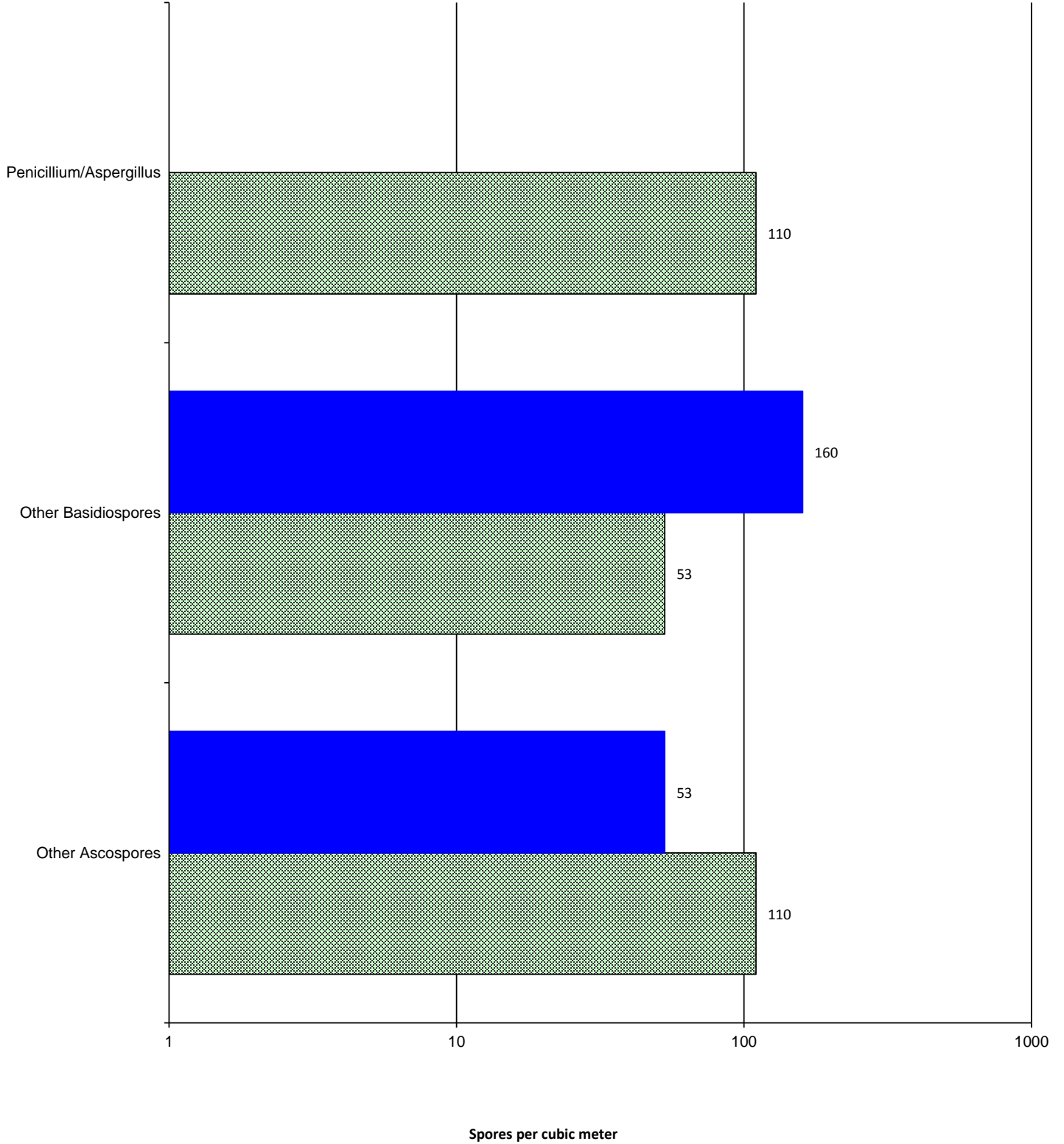
**Chain of Custody #**  1367137



Nurse

Ambient

Penicillium/Aspergillus — 53

Other Basidiospores — 160

Other Basidiospores (Nurse) — 53

Other Ascospores — 53

Other Ascospores (Nurse) — 110

**Spores per cubic meter**

**PRO-LAB**®

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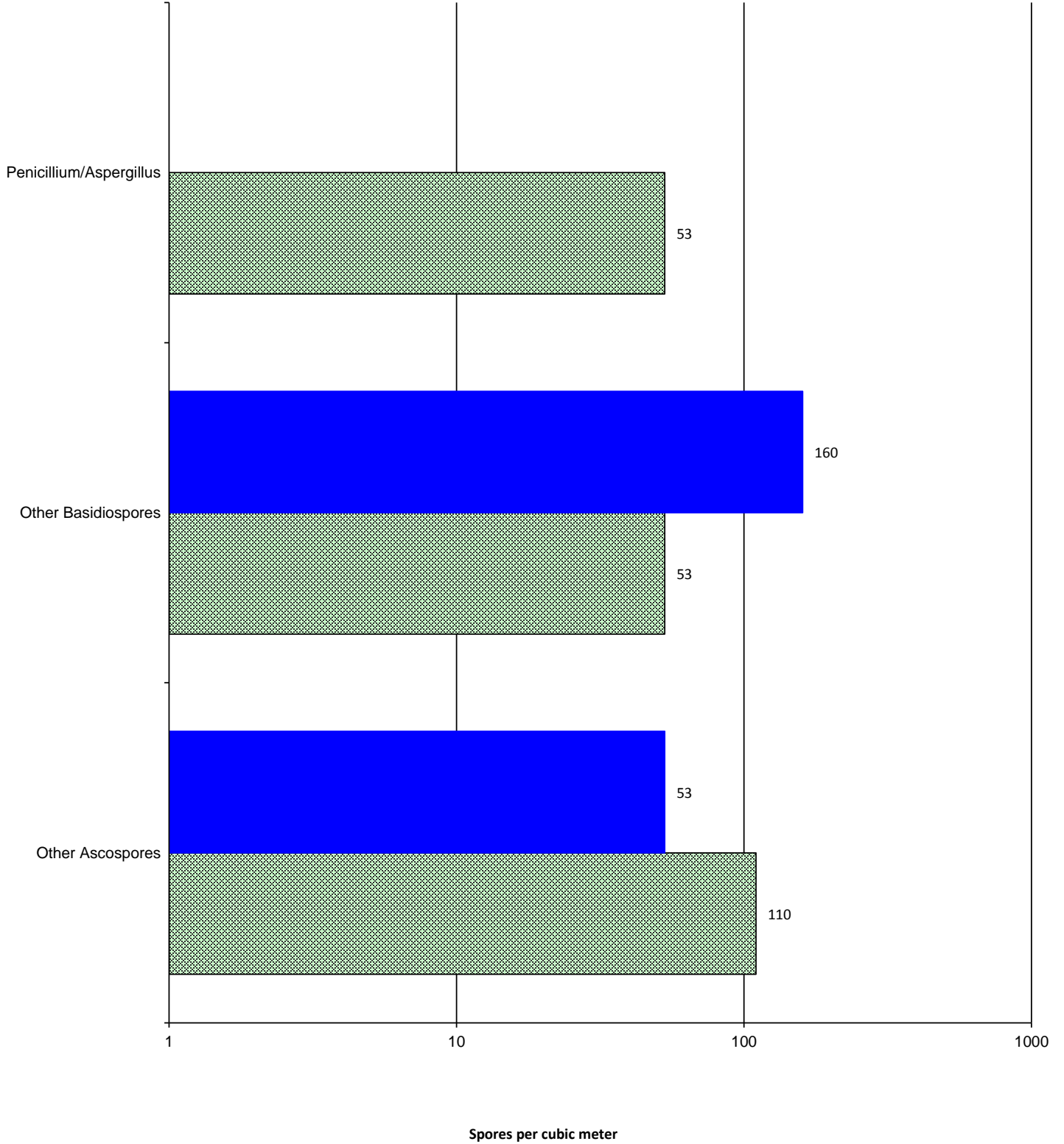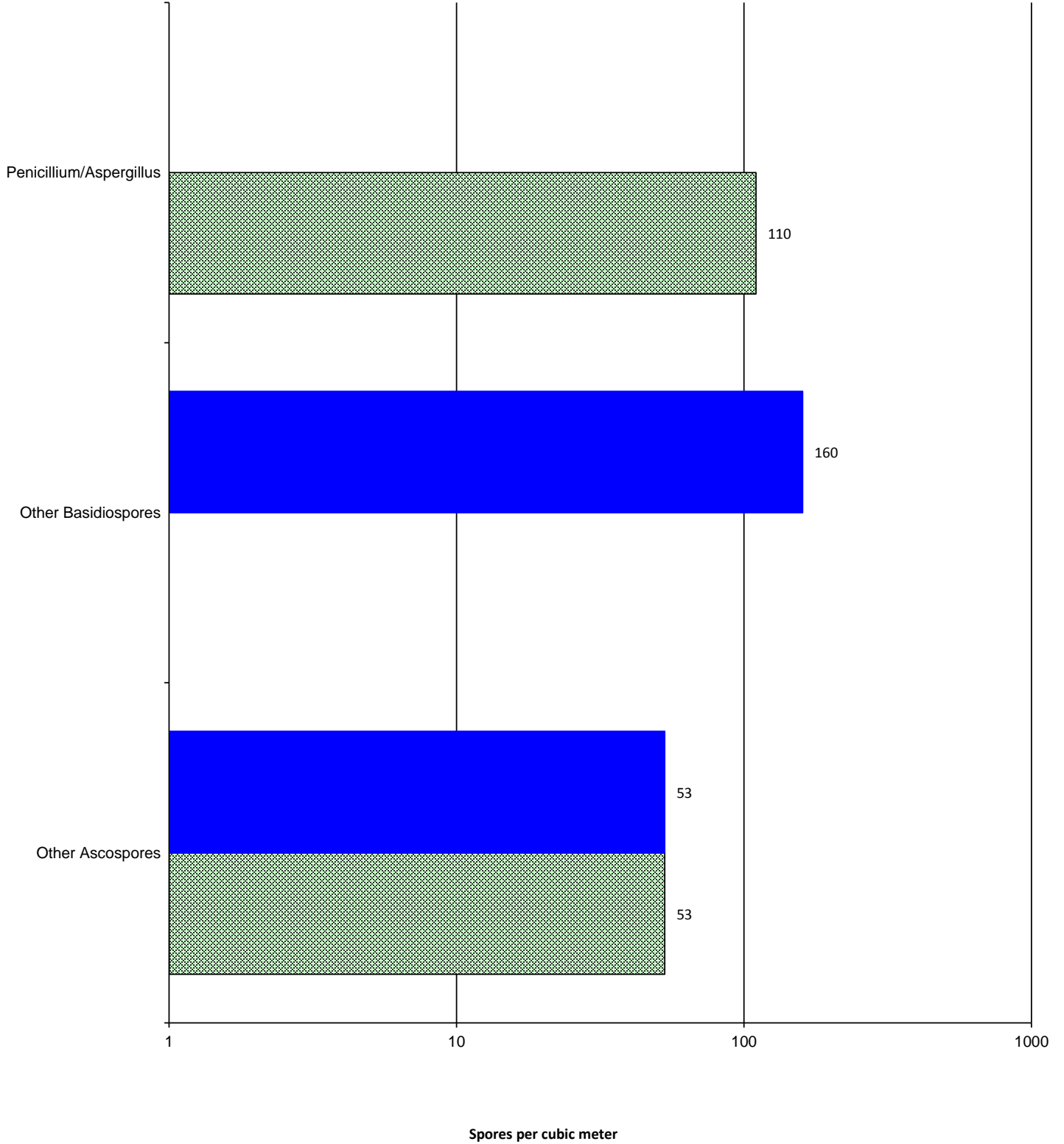
**Chain of Custody #** 1367137

Main Office
Ambient

Spores per cubic meter
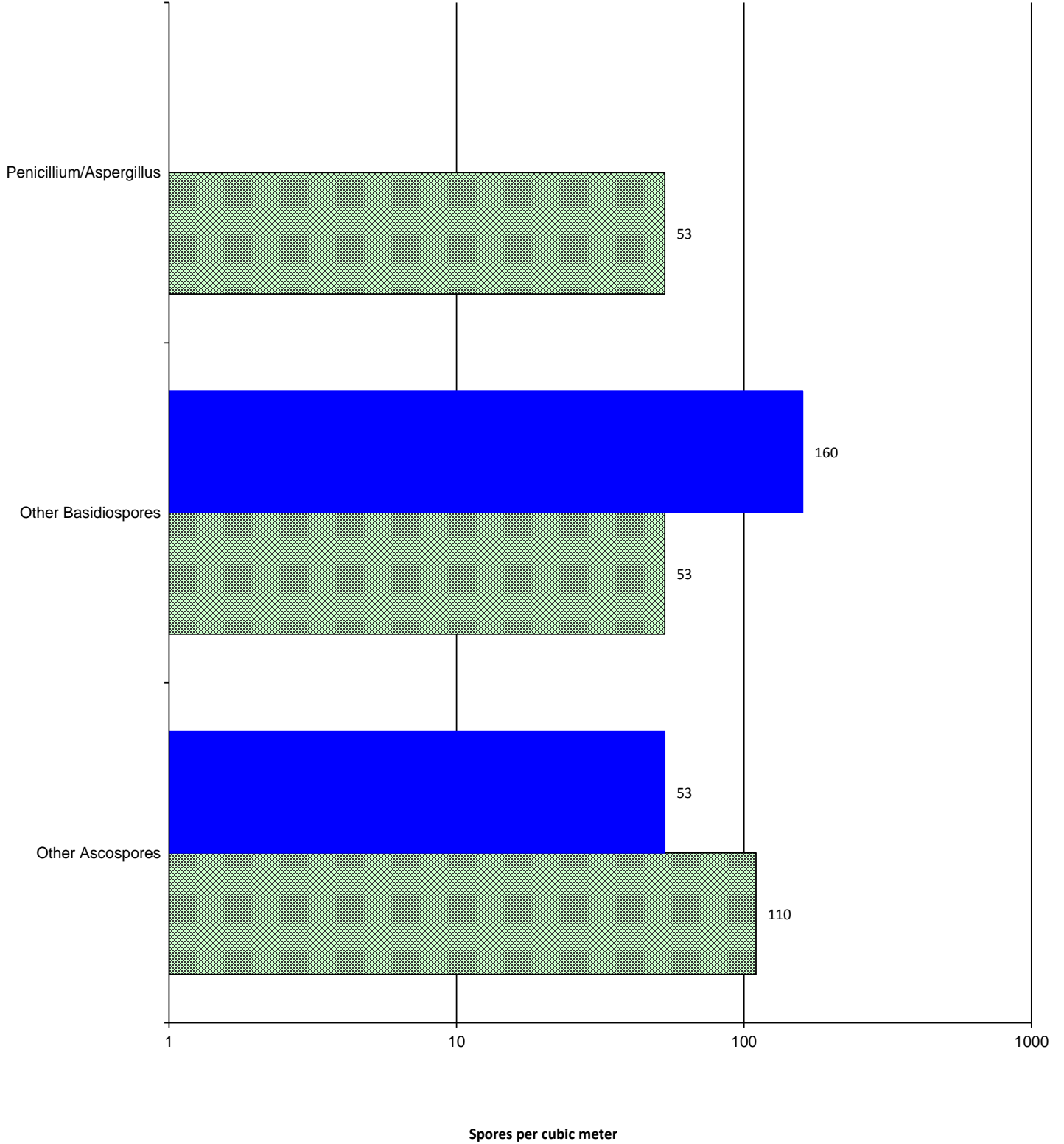
| Identification | Outdoor Habitat | Indoor Habitat | Possible Allergic Potential  Not an opinion or interpretation | Comments |
|---|---|---|---|---|
| Ascospores | Common everywhere. Constitutes a large part of the airspora outside. Can reach very high numbers in the air outside during the spring and summer. Can increase in numbers during and after rainfalls. | Very few of this group grow inside. The notable exception is Chaetomium, Ascotricha and Peziza. | Little known for most of this group of fungi. Dependent on the type (see Chaetomium and Ascotricha). | |
| Basidiospores | Commonly found everywhere, especially in the late summer and fall. These spores are from Mushrooms. | Mushrooms are not normally found growing indoors, but can grow on wet lumber, especially in crawlspaces. Sometimes mushrooms can be seen growing in flower pots indoors. | Some allergenicity reported. Type I (hay fever, asthma) and Type III (hypersensitivity pneumonitis). | Among the group of Mushrooms (Basidiomycetes) are dry rot fungi Serpula and Poria that are particularly destructive to buildings. |
| Penicillium/Aspergillus | Common everywhere. Normally found in the air in small amounts in outdoor air. Grows on nearly everything. | Wetted wallboard, wood, food, leather, etc. Able to grow on many substrates indoors. | Type I (hay fever and asthma) allergies and Type III (hypersensitivity pneumonitis) allergies. | This is a combination group of Penicillium and Aspergillus and is used when only the spores are seen. The spores are so similar that they cannot be reliably separated into their respective genera. |
| Smuts, myxomycetes | Commonly found everywhere, espcially on logs, grasses and weeds. | Smuts don`t normally grow indoors, but can occasionally be found on things brought from outside and stored in the house. Myxomycetes can occasionally grow indoors, but need lots of water to be established. | Type I (hay fever and asthma) allergies. | Smuts and myxomycetes are a combined group of organisms because their spores look so similar and cannot be reliably distinquished from each other. |