

COA 质量检验报告



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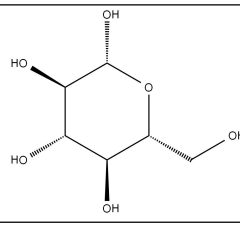
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CERTIFICATE OF ANALYSIS

| | | | |
|---------------------------------|--|------------------|---|
| Product Name: | β-D-Glucose | |  |
| Molecular Formula: | C6H12O6 | | |
| Molecular Weigh: | 180.16 | | |
| Batch No.: | 20221022 | CAS No: | 492-61-5 |
| Mfg. Date: | 2022-10-22 | | |
| Date of Report: | 2022-10-22 | Quantity: | 500kg |
| Expired Date: | 2024-10-21 | Package: | Cardboard drum |
| Item | Specifications | Results | |
| Appearance | White powder | Conforms | |
| Solubilities | Water 100 mg/mL; slightly soluble in ethanol | Ok | |
| beta-D-Glucose (GC/HPLC) | No less than 80% | 85.9% | |
| Specific Rotation | +52.5° to +53.3° | Conforms | |
| FTIR | Conforms to reference spectrum | Conforms | |
| Melting point | 148 - 158°C | Conforms | |
| Chloride | ≤0.01% | Conforms | |
| Sulfate | ≤0.01% | Conforms | |
| Loss on drying | ≤1.0% | Conforms | |
| Heavy Metals | ≤2ppm | Conforms | |
| Arsenic | ≤1ppm | Conforms | |

| | | |
|----------------------------------|--|----------|
| Residue on ignition | ≤0.1% | 0.08% |
| Total Plate Count (CFU/g) | Aerobic bacteria≤1000 CFU / g | Conforms |
| | Molds and yeasts≤100 CFU/g | |
| | Escherichia coli shall not be detected in 1g test sample | |
| Available period | Two years | |
| Conclusion | The test results conforms with enterprise standards | |

