

Certificate of Analysis

Product: Dextrose, Monohydrate
Item Number: DXMGF
Grade: FCC
Lot Number: 2021112
Manufacture Date: 02/19/2023
Expiration Date: 02/18/2025
Country of Origin: China

| Tested Property | Specification | Analysis |
|-----------------------------|-----------------------------------|---------------|
| Appearance | White crystal or powder, odorless | Pass |
| Identification | Red ppt. of Cuprous oxide forms | Pass |
| Mesh Size | >99% passes 24 Mesh | 99.8% |
| Assay (dextrose, d-glucose) | 99.5 - 100.5% | 99.8% |
| Arsenic | <1 ppm | 0.03 ppm |
| Chloride | < 0.018% | <0.01 |
| Lead | <0.1 ppm | 0.03 |
| Sulfur dioxide | < 0.002% | 0.00038 |
| Loss on drying | < 10.0% | 8.37% |
| Specific rotation | +52.6° - +53.2° | 52.7° |
| Residue on ignition | <0.1% | <01% |
| Starch Iodine Test | The solution is yellow | Pass the test |
| Total plate count | < 1000/g | <1000 |
| Salmonella | Not exist | Conforms |
| Mold Count | < 100/g | <100 |
| E. Coli (nmp/g) | Not exist | Conforms |

Dextrose, Monohydrate

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley

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