

CERTIFICATE OF ANALYSIS

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|----------------------------------|--|----------------------|-------------|
| Product Name | Acetyl Glucosamine | Batch No. | JL20240703 |
| CAS | 7512-17-6 | MF Date | JUL.03,2024 |
| Packing | 25kg/bag | Analysis Date | JUL.03,2024 |
| Quantity | 3000kg | Expiry Date | JUL.02,2026 |
| ITEM | STANDARD | RESULT | |
| Physicochemical Indexes | | | |
| Appearance | White or off-white powder | Compliance | |
| Odor | No smell | Compliance | |
| Water Soluble | The solution is a colorless transparent liquid, no suspended matter | Compliance | |
| Impurity | No foreign impurities visible in normal vision | Compliance | |
| Identification | HPLC Test Optical rotation Test | Compliance | |
| Assay (drying basis) | 99.0%~102.0% | 99.8% | |
| Specification Rotation | +39.0°~+43.0° | +40.5° | |
| Melting Point | 198.0°C~202.0°C | 200.1°C | |
| pH Value | 6.0-7.5 | 6.16 | |
| Loss on Drying | ≤0.3% | 0.04% | |
| Residue on Ignition | ≤0.06% | 0.02% | |
| Conductivity | ≤4.50us/cm | 2.85us/cm | |
| Transmittance | ≥97.3% | 99.1% | |
| Whiteness Test | ≥98.00% | 98.78% | |
| Chloride | ≤0.1% | Compliance | |
| Sulfate | ≤0.1% | Compliance | |
| Heavy Metal(Lead) | ≤10ppm | Compliance | |
| Ironic(Fe) | ≤10ppm | Compliance | |
| Arsenic(As) | ≤0.5ppm | Compliance | |
| Microbiological Indicator | | | |
| Total Aerobic | ≤100cfu/g | Compliance | |
| Yeast&Mold | ≤10cfu/g | Compliance | |
| E.coli | Negative/g | Not detected | |
| Salmonella | Negative/g | Not detected | |
| Conclusion | Qualified | | |



Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng

(JL24-001)