

Certificate of Analysis

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|-------------------------|-------------------------|--------------------------|----------|
| Product Name | N-Acetylneuraminic Acid | | |
| Batch No. | 20231228 | Country of origin | China |
| Quantity | 200 kg | Packaging | 1kg/bag |
| Manufacture Date | 20231228 | Expiry Date | 20251227 |

| Item | Specification | Result |
|------------------------------|-----------------------|---------|
| Assay | NLT 98% | 98.4% |
| Physical Control | | |
| Appearance | White crystal powder | Conform |
| Odor | Sweet and sour taste | Conform |
| Particle Size | NLT 95% pass 80 mesh | Conform |
| Impurities | No visible impurities | Conform |
| Residue on ignition | NMT 2.0% | 0.13% |
| Loss on Drying | NMT2.0% | 0.45% |
| Chemical Control | | |
| Heavy Metals | NMT 10 ppm | Conform |
| Lead(Pb) | NMT 0.8 ppm | Conform |
| Arsenic(As) | NMT 0.4 ppm | Conform |
| Mercury (Hg) | NMT 0.2 ppm | Conform |
| Cadmium (Cd) | NMT 1 ppm | Conform |
| SO42-(2% Solution) | NMT0.05% | 0.02% |
| Aflatoxin B1 | NMT5.0µg/kg | Conform |
| PH | 1.8~2.3 | 2.05 |
| Microbiological Tests | | |
| Total Bilburden | NMT 1000 cfu/g | Conform |
| Yeast & Mold | NMT 1000cfu/g | Conform |
| E. Coli. | NMT60MPN/100g | Conform |
| Salmonella | Negative | Conform |
| Stahylococcus aureus | Negative | Conform |
| Pseudomona aeruginosa | Negative | Conform |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

