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 **CERTIFICATE OF ANALYSIS**

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| Product Name | N-Acetylneuraminic Acid/Sialic acid | Source | Fermentation |
| CAS No. | 131-48-6 | Standard | Enterprise standard |
| **Items** | **Specification** | **Result** |
| Appearance | White crystal powder | Visual |
| Smell | Sweet and sour taste | Organoleptic |
| Assay | NLT98.0% | Enterprise standard |
| SO42-(2% Solution) | NMT0.05% | CP2015 |
| pH | 1.8~2.3 | CP2015 |
| Loss on Drying | ＜5.0% | 1.34%(105 oC, 3 h) |
| Ignition Residue | ≤2.0% | 1.34% (600 oC, 4 h) |
| Pb | ≤2ppm | 1ppm |
| As | ≤2ppm | 1ppm |
| Hg | ≤2ppm | 1ppm |
| Total Plate Count | NMT1,000cfu/g | Negative |
| Yeasts/Moulds | NMT100cfu/g | Negative |
| Enterobacteriaceae | NMT60MPN/100g | Negative |
| E.Coli: | Negative | Complies |
| Complies | Not detected | Complies |
| **Packing and Storage** |
| **Packing**:Pack in Paper-Carton and two plastic-bags inside |
| **Shelf Life** :2 year when properly stored |
| **Storage**:Store in well-closed place with constant low temperature and no direct sun light |

**Inspection personnel：Yan Li Review personnel：Lifen Zhang Authorized personnel：LeiLiu**