

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 11:02:41
 Date of Next Testing: 2027-09-23 11:02:41
 Product Name: **Neomycin trisulfate salt hydrate**
 CAS Number: 1405-10-3
 Specifications & Purity: BioReagent, for cell culture, powder
 Lot #: I2418527
 SKU #: **N432048**
 Version: **2**
 Analysis #: **366923**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
PH(3.3%; in Water)	5.0-7.5	6.44000
Loss on drying	0-10 (%)	2.84584 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	53.5-60 (°)	53.94300 °
potency (dry basis)	≥600 (μg/mg)	663.00000 μg/mg
Appearance(N432048)	White to Light Yellow Powder	white to light yellow powder
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager