

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 11:07:53
Date of Next Testing: 2027-09-23 11:07:53
Product Name: **Neomycin trisulfate salt hydrate**
CAS Number: 1405-10-3
Specifications & Purity: BioReagent, for cell culture, powder
Lot #: I2418528
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 [α] ₂₀ /D(c=10 in H ₂ O)(dry basis) potency (dry basis)	53.5-60 (°) ≥600 (μg/mg)	53.94300° 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