

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-18 20:38:07

Date of Next Testing: 2024-02-08 20:38:07

Product Name: **Colistin sulfate salt**

CAS Number: 1264-72-8

Specifications & Purity: Moligand™, ≥19,000 U/mg

Lot #: F1814051

SKU #: **C114323**

Version: **0**

Analysis #: **075389**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
potency	≥19000 (IU/mg OR I.U./mg)	19005.00000 IU/mg OR I.U./mg
Purity(HPLC)	77-100 (%)	84.85860 %
Specific Rotation [α] _{20/D} (c=5 in H ₂ O)(after drying)	-73--63 (°)	-63.45000 °
Appearance (C114323)	White to Off-White Powder	White to Off-White Powder
Identity by BP Test C	pass	Pass
Identity by BP test D	pass	Pass
Solubility in H ₂ O , Yellow clear solution(50 mg/mL)	pass	Pass



John Su
QA & QC Manager