

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-09 15:04:37

Date of Next Testing: 2027-09-08 15:04:37

Product Name: **Bleomycin Sulfate(mixture)**

CAS Number: 9041-93-4

Specifications & Purity: 1.5-2.0 units/mg

Lot #: I2307186

SKU # **B107423**

Version **3**

Analysis #: **110576**

Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Bleomycin B2	25-32 (%)	27.80000 %
Activity	1.5-2 (units/mg)	1.70000 units/mg
Endotoxin Assay	0-10 (EU/mg)	0.04110 EU/mg
E1%(at lambda max 290-291 nm)(anhydrous)	90-100 (%)	95.30000 %
Bleomycin A2	55-70 (%)	62.50000 %
Purity(UV-Vis)	90-100 (%)	96.30000 %
Bleomycin A2 + B2	90-100 (%)	94.50000 %
Copper(Cu)	0-0.1 (%)	0.00000 %
Nitrogen by Elemental Analysis	15-17 (%)	15.02500 %
Carbon by Elemental Analysis(anhydrous)	42-45 (%)	42.49000 %
Appearance (b107423)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Cell Culture Test	pass	Pass
Solubility in H2O , Colorless to Faint Yellow,Clear,20pass mg/mL,H2O		Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager