

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-11 14:39:54  
 Date of Next Testing: 2026-10-10 14:39:54  
 Product Name: **Bleomycin Sulfate(mixture)**  
 CAS Number: 9041-93-4  
 Specifications & Purity: 1.5-2.0 units/mg  
 Lot #: J2209104  
 SKU #: **B107423**  
**Analysis: 110576**  
 Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Bleomycin B2	25-32 (%)	27.80 %
Activity	1.5-2 (units/mg)	1.70 units/mg
Endotoxin Assay	0-10 (EU/mg)	0.04 EU/mg
E1%(at lambda max 290-291 nm)(anhydrous)	90-100 (%)	95.30 %
Bleomycin A2	55-70 (%)	62.50 %
Purity(UV-Vis)	90-100 (%)	96.30 %
Bleomycin A2 + B2	90-100 (%)	94.50 %
Copper(Cu)	0-0.1 (%)	0.00 %
Nitrogen by Elemental Analysis	15-17 (%)	15.03 %
Carbon by Elemental Analysis(anhydrous)	42-45 (%)	42.49 %
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,20mg/mL,H2O	pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager