

Certificate of Analysis

Date of Testing: 2023-10-12 16:07:11

Date of Next Testing: 2027-10-11 16:07:11

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

CAS Number: 9041-93-4

Specifications & Purity: 1.5-2.0 units/mg

Lot #: J2309349

SKU #: **B107423**

Analysis: **279288**

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

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	15-17 (%)	15.19 %
Bleomycin B2	25-32 (%)	29.58 %
Activity	1.5-2 (units/mg)	1.82 units/mg
Endotoxin Assay	0-10 (EU/mg)	0.73 EU/mg
E1%(at lambda max 290-291 nm)(anhydrous)	90-100 (%)	97.20 %
Bleomycin A2	55-70 (%)	65.80 %
Purity(UV-Vis)	90-100 (%)	96.40 %
Bleomycin A2 + B2	90-100 (%)	94.80 %
Copper(Cu)	0-0.1 (%)	0.04 %
Carbon by Elemental Analysis(anhydrous)	42-45 (%)	44.97 %
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager