

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	01693
Lot Number	002583-040115001
Product	Amikacin disulfate salt
CAS Number	39831-55-5
Molecular Formula	$C_{22}H_{43}N_5O_{13} \cdot 2H_2SO_4$
Molecular Weight	781.8

Appearance	White crystalline powder
Solubility	Freely soluble in Water
Crystallinity	Conforms
Heavy Metals	< 20 ppm
Anion	Sulphate (SO ₄ ²⁻): 24.1%
pH	3.7
Optical Rotation	+79°
Infrared Spectrum	Conforms to reference
Loss on Drying	10.0%
E. Coli	Not detected
Staphylococcus Aureus	Not detected
Related Substances	Impurity A: < 0.1% Impurity B: < 0.1% Impurity D: < 0.1% Impurity F: < 0.1% Impurity H: < 0.1% Impurity I: < 0.1% Single maximum impurity A: < 0.1% Total impurities: < 0.1% Phthaloyl hydrazine: Not detected Hydrazine: < 0.45 ppm
Residue On Ignition	0.03%
Potency (Anhydrous Basis)	757 µg/mg
Grade	USP

Certificate of Analysis

Catalog Number: 01693

Lot Number: 002583-040115001

Storage	Store at 0-8 °C
Additional Information	Reaction of sulphates: Meets the requirement HPLC retention time corresponds to reference: Conforms Candida albicans: Not detected Bile tolerant gram negative bacteria: Not detected
Manufacturing Date	10/2/2015
Expiration Date	10/1/2018
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager