

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146 www.gojirafc.com • sales@gojirafc.com

Specification

Gentamicin Sulfate USP

Catalog Number: CAS Number: Molecular Formula: Molecular Weight: Storage: Retest Period: GS1007 1405-41-0 $C_{21}H_{43}N_5O_7$ 477.60 $2^{\circ}C - 8^{\circ}C$ Three years from the date of manufacture

Test	Specification
Appearance	White to off-white hygroscopic powder
Potency (Dry Basis)	> 590µg/mg
Identification (IR)	To match spectra
Specific Rotation	+107.0° to +121.0°
pH (40mg/mL)	3.5 – 5.5
Composition	
C1	20.0 – 50.0%
C1a	10.0 – 35.0%
C2a+C2	25.0 – 55.0%
Moisture (LOD)	≤ 18.0%
Residue on Ignition	≤ 1.0%
Residual Solvents	To meet requirements
Methanol	≤ 1.0%

Approved:

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John Grubb, PhD Gojira Fine Chemicals Quality Manager Tel: 440-252-5397, Fax: 888-211-5523 docsupport@gojirafc.com