GEMINI BIO-PRODUCTS

Certificate of Analysis

Created November 03, 2020

Product: **Gentamicin Sulfate**
Powder

Catalog #: 400-100P
Lot #: F00U00L

Recertification Date: Jan 2023

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Potency		≥ 590 µg/mg	612 µg/mg
Physical Testing			
Identification		Positive	Positive
pH @ RT		3.5-5.5	4.50
Loss on drying		NMT 18.0%	6.55%
Residue on ignition		NMT 1.0%	0.24%
Limit of methanol		NMT 1.0%	<1.0%
Specific rotation		+107°- +121°	+116.8°
Content of Gentamicin		C1a: 10.0% to 35.0% C2+C2a: 25.0% to 55.0% C1+C2b:25%-50%	23.7% 48.8% 27.5%

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.

JW/ 03NOV2020
Created by/ date

03 NOV 2020
Verified by/ date

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