



CERTIFICATE OF ANALYSIS

GENTAMICIN SULFATE

SYNONYMS	: Gentiomycin C	MOLECULAR FORMULA	: C ₂₁ H ₄₃ N ₅ O ₇
PRODUCT CODE (SKU)	: 40710020-1	MOLECULAR WEIGHT	: 477.60 g/mol
PRODUCT SIZE	: 5 g	STORAGE TEMP.	: 2-8°C
CAS NUMBER	: 1405-41-0	REASSAY/ EXP DATE	: 04/2019
LOT NUMBER	: V17030800		

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Solid Powder	PASS
Color:	White to Off-White	PASS
Moisture:	<= 18%	6%
pH:	3.5-5.5 (40 mg/ml)	4.5
Residue on ignition:	<= 1%	0.1%
Specific Rotation:	+107°C - +121°C	+114°C
Potency (Dry Basis):	> 590 µg/mg	651 µg/mg
Methanol:	<= 1%	Not Detected

APPROVED BY:

DATE:
01-19-2018

Kayleigh Humphries
Quality Assurance

CREATION DATE: 01-19-2018 PRINT DATE: 07-26-2018

The above information is based upon data received from our supplier or our quality control measurements.



P: 614.792.8680
F: 614.792.8680
E: info@buffersandreagents.com
W: www.buffersandreagents.com

Buffers and Reagents
4150 Tuller Road
Suite 228
Dublin, OH 43017