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CERTIFICATE OF ANALYSIS

GENTAMICIN SULFATE

SYNONYMS : Gentiomycin C
PRODUCT CODE (SKU) : 40710020-Q **MOLECULAR FORMULA** : C₂₁H₄₃N₅O₇
PRODUCT SIZE : 1 kg **MOLECULAR WEIGHT** : 477.60 g/mol
CAS NUMBER : 1405-41-0 **STORAGE TEMP.** : 2-8°C
LOT NUMBER : V18021412 **REASSAY/ EXP DATE** : 11/2021

PROPERTIES	SPECIFICATIONS	TEST RESULTS
Appearance:	Solid Powder	PASS
Color:	White to Off-White	PASS
Moisture:	<= 18.0%	7.0%
pH:	3.5-5.5 (40 mg/ml)	4.6
Residue on ignition:	<= 1%	0.2%
IR:	Conforms	Conforms
Specific Rotation:	+107°C - +121°C	+115.0°C
Potency (Dry Basis):	> 590 µg/mg	630 µg/mg
Methanol:	<= 1%	0.2%

APPROVED BY:

Abby Stone

Abby Stone
Quality Assurance

DATE:
02-14-2018

CREATION DATE: 02-14-2018 PRINT DATE: 05-17-2018

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



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