

CERTIFICATE OF ANALYSIS

Product Description GENTAMICIN SOLUTION (100 MG/ML)
Product Number G3410
Lot Number HME3410005
Storage Temperature 2-8°C
Molecular Weight 575.67
Formula $C_{21}H_{43}N_5O_7 \cdot H_2SO_4$
CAS Number 1405-41-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water	Passes
pH (Neat)	Under Development	4.9
Physical Appearance		
Color*	Under Development	Slight Yellow Tint
Clarity	Clear Liquid	Clear Liquid
Insolubles	None	Passes
Sterility	Sterile	Passes
FTIR	Conforms to Structure	Passes
Potency of Raw Material	Minimum 590 $\mu\text{g}/\text{mg}$	600 $\mu\text{g}/\text{mg}$


* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 22-January-2025

Recommended Shelf-Life Date: January 2028

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