

CERTIFICATE OF ANALYSIS

Product Description GENTAMICIN SULFATE
Product Number G570
Lot Number HAG0570007
Storage Temperature 2-8°C
Molecular Weight 575.67
Formula C₂₁H₄₃N₅O₇•H₂SO₄
CAS Number 1405-41-0

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 50 mg/mL	Passes
pH	Under Development	4.8
Physical Appearance Color*	2143-70 to 2151-70, PM-1 to PM-4, PM-13, or PM-19	2146-70 Off-White
Texture	Fine Powder; may form clumps	Fine Powder, some clumping
Solution Appearance Clarity	Clear	Clear
Color	Colorless to Slight Yellow Tint	Slight Yellow Tint
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	Minimum 590 µg/mg	618 µg/mg

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

The material described in this certificate is derived from microbial fermentation by *Micromonospora purpurea* and then is purified. 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: 08-June-2026

Recommended Shelf-Life Date: June 2031

Prepared by: 

Alex Lambert

Lead Quality Control Laboratory Technician