

CERTIFICATE OF ANALYSIS

Product Description PAROMOMYCIN SULFATE
O-2-AMINO-2-DEOXY- α -D-GLUCOPYRANOSYL-(1 \rightarrow 4)-O-[O-2,6-DIAMINO-2,6-DIDEOXY- β -L-IDOPYRANOSYL-(1 \rightarrow 3)- β -D-RIBOFURANOSYL-(1 \rightarrow 5)]-2-DEOXY-D-STREPTAMINE SULFATE

Product Number P710

Lot Number HRT0710009

Storage Temperature Room Temperature

Molecular Weight 713.71

Formula C₂₃H₄₅N₅O₁₄•H₂SO₄

CAS Number 1263-89-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.7
Physical Appearance		
Color*	PM-1 to PM-4, 2018-60 to 2027-60, 2018-70 to 2027-70	PM-1 White
Texture	Fine to Coarse Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	Minimum 675 μ g/mg	755 μ g/mg


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

The material described in this certificate is synthetic. 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: 30-October-2025

Recommended Shelf-Life Date: October 2033

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician