

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 HHY0710007
Storage Temperature Room Temperature
Molecular Weight 713.71 g/mol
Formula C₂₃H₄₅N₅O₁₄•H₂SO₄
CAS Number 1263-89-4

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH (0.050 g/L)	Under Development	6.1
Physical Appearance Color*	PM-1 to PM-4, 2018-60 to 2027-60, 2018-70 to 2027-70	PM-4 White
Texture	Fine to Coarse Powder, may form clumps	Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 1 min)	Passes
Insolubles	None	Passes
Potency (Dry Basis)	Minimum 675 μ g/mg	708 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: 17-March-2021

Recommended Shelf Life Date: March 2029



David S. Hart
Technical Services Manager