

CERTIFICATE OF ANALYSIS

Product Description NEOMYCIN SULFATE
Product Number N584
Lot Number HXT0584007
Storage Temperature 2-8°C
Molecular Weight 908.88
Formula $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$
CAS Number 1405-10-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	6.3
Physical Appearance Color* Texture	2143-70 to 2151-70 or 2151-60 Fine Powder, may form clumps	2143-70 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	Minimum 600 µg/mg	692 µg/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-July-2025

Recommended Shelf-Life Date: July 2030

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician