

CERTIFICATE OF ANALYSIS

Product Description PENICILLIN G, SODIUM SALT
(2S,5R,6R)-3,3-DIMETHYL-7-OXO-6-[(PHENYLACETYL)AMINO]-4-THIA-
1-AZABICYCLO-[3.2.0]HEPTANE-2-CARBOXYLIC ACID, SODIUM SALT

Product Number P777

Lot Number HRW0777010

Storage Temperature Room Temperature

Molecular Weight 356.4

Formula C₁₆H₁₇N₂O₄SNa

CAS Number 69-57-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	5.5
Physical Appearance Color* Texture	PM-1 to PM-4 Fine Powder	PM-1 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Within 3 min)	Passes
Insolubles	None	Passes
Purity	Minimum 96.0%	99.90%

* 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: 26-January-2024

Recommended Shelf-Life Date: January 2032



David Hart
Technical Director