

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 10H0777004

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	5.71
Physical Appearance		
Color*	RM-1 to RM-3, or RM-31	RM-31 White
Texture	Fine Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes
Potency	1500-1750 Units/mg	1665 Units/mg
Purity	Minimum 96.0%	99.7%
Loss on Drying	For Information Only	0.10%

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

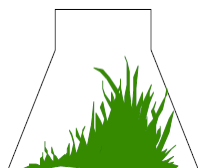
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories 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.

Recommended Shelf Life date: August 2015



Gary Seckinger, Ph.D.



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