

CERTIFICATE OF ANALYSIS

Product Description AMPHOTERICIN B
 USP GRADE
Product Number A119
Lot Number 10J0119004
Storage Temperature 2-6 °C
Molecular Weight 924.09
Formula C₄₇H₇₃NO₁₇
CAS Number 1397-89-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance Color*	2022-30 to 2022-50 or 2023-30 to 2023-50	2023-30 Yellow w/Orange Tint
Texture	Fine Powder, may form clumps	Fine Powder w/clumps
Solution Appearance Clarity Color	Clear Dark Yellow to Dark Orange	Clear Dark Orange
Average Time to Dissolve	Within 10 min	Passes
Insolubles	None	Passes
Puotency	Minimum 750 µg/mg	870 µg/mg
Amphotericin A	Maximum 15.0%	≤ 5.0%
Loss on Drying	For Information Only	0.8%

* 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: April 2015



Gary Seckinger, Ph.D.



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Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>



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