

CERTIFICATE OF ANALYSIS

Product Description AMOXICILLIN, TRIHYDRATE
Product Number A122
Lot Number 09G0122003
Storage Temperature 2-6 °C
Molecular Weight 419.5
Formula $C_{16}H_{19}N_3O_5S \cdot 3H_2O$
CAS Number 61336-70-7

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 10 mg/mL	Passes
Physical Appearance Color*	2143-70 to 2147-70 or PM-1 to PM-3, PM-19	PM-1 Off White
Texture	Fine Powder, may form clumps	Fine Powder with clumps
Solution Appearance Clarity Color	Clear to Slightly Cloudy Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 2 min)	2 min
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Water	For Information Only	13.1 %
Purity	Minimum 95.0 %	98.1 %

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

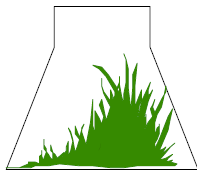
The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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: September 2018



Gary Seckinger, Ph.D.



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