

CERTIFICATE OF ANALYSIS

Product Description AMOXICILLIN, TRIHYDRATE
Product Number A122
Lot Number HCY0122008
Storage Temperature 2-8°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-4, PM-19	PM-1 White
Texture	Fine Powder, may form clumps	Fine Powder w/ clumps
Solution Appearance Clarity	Clear to Slightly Cloudy	Clear
Color	Colorless	Colorless
Average Time to Dissolve	For Information Only (Approx. 2 min)	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Potency	Minimum 950 µg/mg	1000 µg/mg

* 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.

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.

Product Release Date: 12-February-2021
Recommended Shelf Life Date: February 2026



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