

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 RM-1 to RM-4 | RM-1 Off-White |
| Texture | Fine Powder, may form clumps | Fine Powder, form clumps |
| Solution Appearance | | |
| Clarity | Clear to Slightly Cloudy | Clear |
| Color | Colorless | Colorless |
| Average Time to Dissolve | Within 2 min | Passes |
| Insolubles | None | Passes |
| Water | 11.5 – 14.5% | 13.1% |
| Purity | Minimum 95.0% | 98.1% |

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

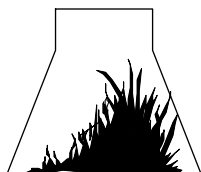
The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

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Recommended Shelf Life Date: July 2012



Gary Seckinger, Ph.D.



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