

CERTIFICATE OF ANALYSIS

Product Description SODIUM DODECYL SULFATE; SDS
Product Number S844
Lot Number 07K84405
Storage Temperature Room Temperature
Molecular Weight 288.38
Formula C₁₂H₂₅NaO₄S
CAS Number 151-21-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (1.00 g/L)	Under Development	6.23
Physical Appearance Color*	RM-31 (Brilliant White) RM-1 to RM-3	RM-31 (Brilliant White)
Texture	Fine to Fluffy or Clumpy Powder	Fine Powder with clumps
Solution Appearance Clarity	Clear, May have foamy suspension layer	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Precipitation Formation	None	Passes
Purity by GC	≥99.0%	100.0%
Water Content by Karl Fischer	For Information Only	0.9%

* 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 in nature. No animal or plant derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, LLC 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: October 2012



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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