

CERTIFICATE OF ANALYSIS

Product Description SODIUM DODECYL SULFATE; SDS
Product Number S844
Lot Number 12B0844007
Storage Temperature Room Temperature
Molecular Weight 288.38
Formula $C_{12}H_{25}NaO_4S$
CAS Number 151-21-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	5.94
Physical Appearance		
Color*	RM-1 to RM-3, or RM-31	RM-31 White
Texture	Fine Powder, may form clumps	Fine Powder, forms clumps
Solution Appearance		
Clarity	Clear, May have foamy suspension	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.0%	99.77%
Loss on Drying	For Information Only	0.12%

* 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: February 2020



Gary Seckinger, Ph.D.



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