

# CERTIFICATE OF ANALYSIS

Product Description SODIUM DODECYL SULFATE; SDS  
Product Number S844  
Lot Number ATK0844008  
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	5.9
Physical Appearance Color* Texture	PM-1 to PM-3, or PM-4 Fine Powder, may form clumps	PM-1 White Fine Powder
Solution Appearance Clarity Color	Clear, May have foamy suspension Colorless	Clear Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 99.0%	99.81%
Loss on Drying	For Information Only	0.10%

\* 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.

**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.**

Date of Release: 21-January-2020

Recommended Shelf Life Date: January-2028



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