

CERTIFICATE OF ANALYSIS

Product Description DL-DITHIOTHREITOL; DTT
Product Number D259
Lot Number 03A25902
Storage Temperature 2-6° C
Molecular Weight 154.2
Formula C₄H₁₀O₂S₂
CAS Number 3483-12-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Soluble in Water
pH (1.00 g/L)	Under Development	5.80
Physical Appearance		
Color*	RM-3 (Decorators White) RM-1 to RM-3 or RM-31	RM-3 (Decorators White)
Texture	Clumpy Powder	Clumpy Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 1 min	Within 1 min
Assay	≥99%	100.1%

* 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 State of America and is of synthetic nature. No animal or plant 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 2010



Gary Seckinger, PhD



PhytoTechnology
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Dedicated to Growth

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