

# CERTIFICATE OF ANALYSIS

Product Description DIMETHYL SULFOXIDE  
ACS REAGENT  
DMSO; METHYL SULFOXIDE  
Product Number D241  
Lot Number 14K0241022  
Storage Temperature Room Temperature  
Molecular Weight 78.13  
Formula  $(\text{CH}_3)_2\text{SO}$   
CAS Number 67-68-5

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Miscible with Water @ 1 mL/L	Passes
Physical Appearance Color Texture	Colorless Clear Liquid	Colorless Clear Liquid
Insolubles	None	Passes
Purity	Minimum 99.0%	99.9 %
Water Content	For Information Only	<0.1%

## Biological Testing:

Test Concentration: 1.0 mL/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure that it contains no phytotoxic impurities which would cause morphological aberrations to plants	Coreopsis	Passes
	Hosta	Passes

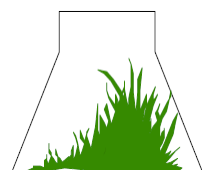
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

*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: October 2022



Gary Seckinger, Ph.D.



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### **PhytoTechnology Laboratories®**

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