

CERTIFICATE OF ANALYSIS

Product Description MOLYBDENUM TRIOXIDE
Product Number M488
Lot Number 03K48802
Storage Temperature Room Temperature
Molecular Weight 143.94
Formula MoO₃
CAS Number 1313-27-5

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in 1N KOH @ 1 mg/mL	Passes
Physical Appearance		
Color*	2028-70 to 2032-70 or 2121-40 to 2123-40	2030-70 Off-White w/ Green Tint
Texture	Fine to Crystalline Powder	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity	Minimum 99.5%	100%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 0.2 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Dianthus	Passes
	Boston Fern	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 2017



Gary Seckinger, Ph.D.



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