

CERTIFICATE OF ANALYSIS

Product Description PICLORAM
Product Number P717
Lot Number 08L71705
Storage Temperature Room Temperature
Molecular Weight 241.48
Formula $C_6H_3Cl_3N_2O_2$
CAS Number 1918-02-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 1 mg/mL	Passes
Physical Appearance Color* Texture	2152-70 to 2156-70 Fine Powder, may form clumps	2156-70 Beige Fine Powder
Solution Appearance Clarity Color	Clear Colorless to Slight Beige Tint	Clear Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 93.0%	95.1%

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

Biological Testing:

Test Concentration: 1.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product does not necessarily promote tissue growth; tissue necrosis or death is possible. May support and/or facilitates plant growth in two or more plant tissue cultured lines with no morphological aberrations to plants	Hosta	Passes
	Boston Fern	Passes

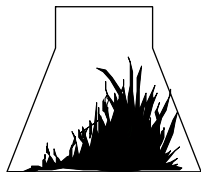
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories, 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: November 2013



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories, LLC
Dedicated to Growth

PhytoTechnology Laboratories, LLC

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