

CERTIFICATE OF ANALYSIS

Product Description PICLORAM
Product Number P717
Lot Number HHT0717013
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*	2152-70 to 2156-70	2152-70 White
Texture	Fine Powder, may form clumps	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless to Slight Beige Tint	Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 93.0%	97.30%

* 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	Xanthi Tobacco Callus	Passes
	Perilla Fantasy	Passes

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: 07-April-2025

Recommended Shelf-Life Date: April 2033

Prepared by: 
Alex Lambert
Lead Quality Control Laboratory Technician