

CERTIFICATE OF ANALYSIS

Product Description L-PROLINE
Product Number P698
Lot Number HYT0698030
Storage Temperature Room Temperature
Molecular Weight 115.13
Formula C₅H₉NO₂
CAS Number 147-85-3

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	7.8
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Coarse Crystalline Powder	PM-1 White Fine Crystalline Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.5%	100.00%

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

Biological Testing:

Test Concentration: 100.0 mg/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultures with no morphological aberrations to plants	Xanthi Tobacco Callus	Passes
	Parrot Feather	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 OR FURTHER MANUFACTURING ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 21-February-2025

Recommended Shelf-Life Date: February 2033

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