

# CERTIFICATE OF ANALYSIS

Product Description POLYETHYLENE GLYCOL; PEG-8000  
Product Number P741  
Lot Number HHG0741016  
Storage Temperature Room Temperature  
Molecular Weight 7000-9000  
Formula  $H(C_2H_4O)_nOH$   
CAS Number 25322-68-3

## **Physiochemical Specifications:**

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	4.3-7.5	4.4
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Coarse Powder, or Flakes	PM-1 White Flakes
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Average Molecular Weight	7000-9000	8126

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

## **Biological Testing:**

Test Concentration: 10.0 g/L


TEST SPECIFICATION	PLANT CELL LINE	RESULTS
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants	Parrot Feather	Passes
	Xanthi Tobacco Callus	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: 29-May-2026

Recommended Shelf-Life Date: May 2034

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