

CERTIFICATE OF ANALYSIS

Product Description POLYETHYLENE GLYCOL; PEG-8000
Product Number P741
Lot Number HWX0741008
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 | Under Development | 6.4 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Fine to Coarse Powder | PM-1 White/Translucent Coarse Powder |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 5 mins) | 5 mins |
| Insolubles | None | Passes |
| FTIR | Conforms to Structure | Passes |

* 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 | Perilla Fantasy | 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: 27-June-2022

Recommended Shelf Life Date: June 2030



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