

# CERTIFICATE OF ANALYSIS

Product Description      GLYCEROL PHOSPHATE DISODIUM SALT HYDRATE  
Product Number        G3623  
Lot Number              09L3623001  
Molecular Weight      216.04 g/mol  
Formula                 C<sub>3</sub>H<sub>7</sub>Na<sub>2</sub>O<sub>6</sub>P xH<sub>2</sub>O  
CAS Number            154804-51-0  
Storage Temperature    Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10mg/mL	Passes
pH	Under Development	8.5
Physical Appearance Color* Texture	White to Off-White Under Development	PM-4 White Crystalline Powder
Solution Appearance Color Clarity	Under Development Under Development	Clear Colorless
Average Time to Dissolve	Under Development	3 min
Insolubles	Under Development	Passes-None
Phosphorus Content	13.5-15.1%	14.5%
Sodium Content	19.2-23.3%	20.8%
Water Content (Karl Fischer)	For Information Only	29.5%
Glycerol-3-Phosphate content	Isomeric mixture	50%

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

The material described in this certificate was manufactured in the United States of America and is synthetic in nature. 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: 28-May-2021  
Recommended Shelf Life Date: May 2026



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