

CERTIFICATE OF ANALYSIS

Product Description GLUTHATHIONE (REDUCED)
Product Number G3399
Lot Number 16D3399004
Storage Temperature 2-8°C
Molecular Weight 307.33
Formula C₁₀H₁₇N₃O₆S
CAS Number 70-18-8

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|-----------------------------|---------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 2.9 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Fine Powder | PM-1 White Fine Powder |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Insolubles | None | Passes |
| FTIR | Conforms to Structure | Passes |
| Purity | Minimum 98% | 98.8% |

* 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: 20-January-2026

Recommended Shelf-Life Date: January 2029

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