

CERTIFICATE OF ANALYSIS

Product Description CALCOFLUOR WHITE M2R
Product Number C1933
Lot Number 14B1933001
Molecular Weight 960.95
Formula C₄₀H₄₂N₁₂O₁₀S₂Na₂
CAS Number 4193-55-9
Storage Temperature Room Temperature

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|----------------------------------|-------------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| Physical Appearance Color* Texture | Under Development Fine Powder | 2023-40 Yellow Fine Powder |
| Solution Appearance Clarity Color | Clear Under Development | Clear Slight Green Tint |
| Insolubles | None to Few | Passes- None |
| FTIR | Conforms to Structure | Passes |
| Purity | Under Development | 100% |

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

The material described in this certificate 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-2025

Recommended Shelf-Life Date: May 2030

Prepared by: 

Alex Lambert

Lead Quality Control Laboratory Technician