

CERTIFICATE OF ANALYSIS

Product Description CALCOFLUOR WHITE M2R
Product Number C1933
Lot Number 14B1933001
Molecular Weight 960.95
Formula $C_{40}H_{42}N_{12}O_{10}S_2Na_2$
CAS Number 4193-55-9
Storage Temperature Room Temperature

Physicochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--------------------------|-----------------------------|-----------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| Physical Appearance | | |
| Color* | Under Development | 2025-50 Bright Yellow |
| Texture | Fine Powder | Passes |
| Solution Appearance | | |
| Clarity | Clear | Clear |
| Color | Under Development | Light Yellow |
| Average Time to Dissolve | Under Development | Passes |
| Insolubles | None to Few | Passes--Few |
| Purity | Under Development | 100% |
| FTIR | Conforms to Structure | Passes |

* 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.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® 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.

Recommended Shelf Life Date: February 2022



Gary Seckinger, Ph.D.



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