

CERTIFICATE OF ANALYSIS

Product Description D-SORBITOL
D-GLUCITOL
Product Number S744
Lot Number HYE0744031
Storage Temperature Room Temperature
Molecular Weight 182.17
Formula C₆H₁₄O₆
CAS Number 50-70-4

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|---|------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 7.2 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Fine Powder to Granules | PM-1 White Granules |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 1 min) | Passes |
| Insolubles | None | Passes |
| FTIR | Conforms to Structure | Passes |
| Purity | Minimum 91.0 % | 98.30% |

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

Biological Testing:

Test Concentration: 100.0 mg/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|-----------------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no 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.

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Product Release Date: 29-February-2024
Recommended Shelf-Life Date: February 2032



David Hart
Technical Director