

CERTIFICATE OF ANALYSIS

Product Description FOOD COLOR, BLUE; FDC GRADE
Product Number F322
Lot Number 03L32201
Storage Temperature Room Temperature
Molecular Weight 792.86
Formula C₃₇H₃₄N₂Na₂O₉S₃
CAS Number 3844-45-9

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	4.6
Physical Appearance Color* Texture	2069-20 to 2073-20, 2074-10 or 2117-30 Fine to Coarse Powder	2073-20 Plum Fine Powder
Solution Appearance Clarity Color	Clear Dark Blue	Clear Dark Blue
Average Time to Dissolve	For Information Only (Approx. 5 min)	5 min
Insolubles	None	Passes

* 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
This product is tested with two or more plant cell lines to ensure there are no phytotoxic impurities that would cause morphological aberrations to plants	Tobacco Callus	Passes
	Begonia	Passes

The material described in this certificate is synthetic. 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-April-2020

Recommended Shelf Life Date: April-2025



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