

CERTIFICATE OF ANALYSIS

Product Description MALACHITE GREEN OXALATE
BASIC GREEN 4
Product Number M573
Lot Number 06D57301
Storage Temperature Room Temperature
Molecular Weight 463.5
Formula $C_{23}H_{25}N_2 \cdot C_2HO_4 \cdot 0.5C_2H_2O_4$
CAS Number 2437-29-8

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	2.7
Physical Appearance Color*	2035-10 to 2047-10, 2040-20, or PM-10 (RM-13)	2040-10 Green
Texture	Crystalline Powder to Crystals	Crystalline Powder
Solution Appearance Clarity Color*	Translucent Under Development	Translucent Dark Green Blue
Insolubles	None	Passes
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 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: 15-July-2025

Recommended Shelf-Life Date: July 2030

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