

Malachite green oxalate, Hi-Cert™

GRM245

Product Identifier

CAS No.	:	2437-29-8
EC No.	:	219-441-7
C.I. No.	:	42000
Molecular Formula	:	C ₅₀ H ₅₂ N ₄ O ₈ .C ₂ H ₂ O ₄
Molecular Weight	:	927.00
HS Code	:	3204 13 61
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Green to dark green to metallic green crystals or powder
Solubility	:	2 ppm in water yields dark blue to dark green clear solution
Visual pH Transition	:	pH 0.0 (yellow) - pH 2.0 (green), pH 11.6 (blue-green) - pH 14.0 (colourless)
Absorption maxima (2 ppm in water)	:	614 - 620 nm
Specific absorbance	:	>= 1700 (2 ppm in water at 614 - 620 nm)
Loss on drying (at 110°C, 1 hr)	:	<= 5.00%

Safety Information

Hazard Pictogram(s)



Signal Word	:	Danger
Hazard Statement(s)	:	H302- H318- H361d- H410
Precautionary Statement(s)	:	P273- P280- P305+P351+P338- P501
UN No.	:	2811
Class	:	6.1
Packing Group	:	III
WGK	:	3