



Product Specification

Product Name: MALACHITE GREEN OXALATE LR

Alternate Name(s) C.I.42000; Acryl Brilliant Green; Aniline Green; China Green; Fast Green;
Description Victoria Green; Basic Green 4.
Dark green crystalline powder.

Properties

Chemical Formula: $C_{52}H_{54}N_4O_{12}$
Molecular Weight: 926.4

Product Code: ML175
CAS No. 2437-29-8

General Information:

Soluble in water.

Hazard and Safety Data

UN Group: III
Class: 6.1
UN Number: 2811
Hazchem code: 2XE
CS MSDS Code: TBA
Poison schedule: S6
Emergency
Procedure Guide No.: 36

Quality Specification

Assay: 90.0% min.

Specific Properties and Impurities [Typical levels]:

pH (10 grams per litre of water)	1 - 3
Water insolubles	≤ 0.5%
Lambda max.	614nm in water
Solubility (0.01% aqueous solution)	Dark green solution
Visual Transitional Interval	
From pH 0.0	Yellow
To pH 2.0	Green
From pH 11.6	Blue-Green
To pH 14.0	Colourless

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