

Chem-Impex International, Inc.

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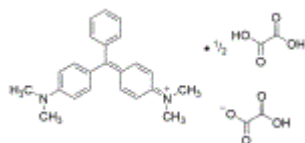
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	42514
Product	Malachite green oxalate salt <i>N,N,N',N'</i> -Tetramethyl-4,4'-diaminotriphenylcarbenium oxalate Basic green 4
CAS Number	2437-29-8
Molecular Formula	$C_{23}H_{25}N_2 \bullet C_2HO_4 \bullet 0.5C_2H_2O_4$
Molecular Weight	463.5

Appearance	Dark green crystalline powder
Solubility	Dark green solution (0.1% aqueous solution)
UV Ratios	UV ratio at 602/632 nm : 1 ± 0.5
Visual Transition Range	From pH 0.0 (yellow) to pH 2.0 (green) and From pH 11.6 (blue-green) to pH 14.0 (colorless)
Insoluble	$\leq 0.5\%$ (in water)
Dye content	99 - 100%
Grade	Technical grade
Storage	Store at RT
Additional Information	Optical density at peak 617 : ≤ 1

For Laboratory Use Only