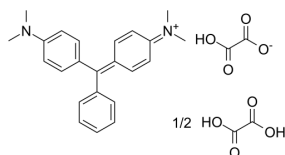


Certificate of Analysis

Product Name:	Malachite green (oxalate)
Cat. No.:	CS-0010070
CAS No.:	2437-29-8
Batch No.:	78867
Chemical Name:	Methanaminium, N-[4-[[4-(dimethylamino)phenyl]phenylmethylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, ethanedioate, ethanedioate (2:2:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{23}H_{25}N_2 \cdot 1/2C_2H_2O_4 \cdot C_2HO_4$
Molecular Weight:	463.50
Storage:	2-8°C, stored under nitrogen
Chemical Structure:	



ANALYTICAL DATA

Appearance:	Light green to green (Solid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA