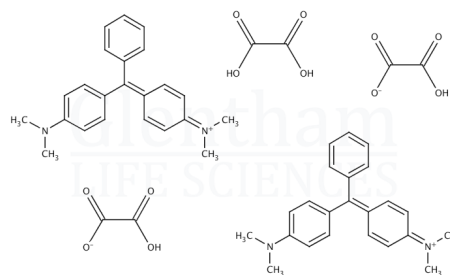


Certificate of Analysis

Product Name	Malachite Green oxalate salt (C.I. 42000)
Glenthams Code	GT8926
CAS Number	2437-29-8
EINECS	219-441-7
Colour Index	42000
MDL Number	MFCD00151209
Additional CAS	4569-64-2
Additional CAS	13425-25-7
PubChem SID	310275977
Batch Number	557YON



Molecular Weight	927.02
Molecular Formula	$C_{52}H_{54}N_4O_{12}$
Storage Temp.	+20°C

Property	Specification	Batch 557YON
Physical Description	Metallic green to dark green crystalline powder	Dark green crystalline powder
Solubility (0.1% in water)	Clear, dark blue to green solution	Clear, dark blue solution
Wavelength of Maximum Absorption (λ_{max})	610.0 - 620.0 nm	617.0nm
Absorptivity (E1%, 1cm cell)	≥ 1650 (at λ_{max})	1909.2
Loss on Drying	$\leq 7.0\%$	2.40%
Dye Content	$\geq 90.0\%$	97.75%

Specification Version	v1.2
Manufacture Date	2021-01-22
Re-Test Date	2030-11-19

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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