

## Certificate of Analysis

Product Name	Malachite Green hydrochloride
Glentham Code	GT6969
CAS Number	569-64-2
MDL Number	MFCD00011751
Batch Number	023UTU

Molecular Weight	401.37
Molecular Formula	$C_{23}H_{26}Cl_2N_2$
Storage Temp.	+20°C

Property	Specification	Batch 023UTU
Physical Description	Metallic green crystals to dark green crystalline powder	Green crystals
Solubility (0.1% in water)	Clear, green solution	Clear, green solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	615.0 - 619.0 nm (in water)	616.80nm
Absorptivity (1%/1cm)	$\geq 1500$	1646
Loss on Drying	$\leq 10.0\%$ (110°C)	4.23%

Specification Version	v1.0
Manufacture Date	2017-03-01
Re-Test Date	2030-01-15

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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