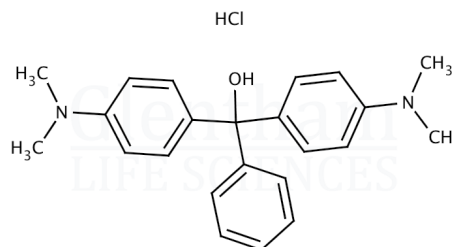


Certificate of Analysis

Product Name	Malachite Green carbinol hydrochloride
Glentham Code	GT8088
CAS Number	123333-61-9
MDL Number	MFCD00012483
PubChem SID	310275976
Batch Number	687ZQC
Molecular Weight	382.93
Molecular Formula	$C_{23}H_{26}N_2O \cdot HCl$
Storage Temp.	+20°C



Property	Specification	Batch 687ZQC
Physical Description	Metallic dark green to dark purple crystalline powder	Metallic dark purple crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (0.1% in water)	Clear, green to blue-green solution	Clear, blue-green solution
Wavelength of Maximum Absorption (λ_{max})	610.0 - 620.0 nm	617.0nm
Absorptivity (1%/1cm)	≥ 1600 (at λ_{max})	1641
Loss on Drying	$\leq 6.0\%$	2.2%
Assay	$\geq 85.0\%$	97.0%

Specification Version	v1.1
Manufacture Date	2022-03-01
Re-Test Date	2034-07-01

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 or contact us using the details above for the current version of this document.

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