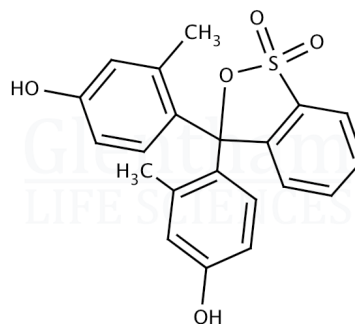


## Certificate of Analysis

Product Name m-Cresol Purple  
Glentham Code GT6972  
CAS Number 2303-01-7  
EINECS 218-960-6  
MDL Number MFCD00005871  
PubChem SID 310276074  
Batch Number 938ZBG

Molecular Weight 382.44  
Molecular Formula  $C_{21}H_{18}O_5S$   
Storage Temp. +20°C



Property	Specification	Batch 938ZBG
Physical Description	Red-brown, brown-green or green powder	Red-brown powder
Solubility (0.1% in 50% EtOH)	Clear solution	Clear solution
pH Transition Range	7.4 - 9.0 (yellow to purple)	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	575.0 - 583.0 nm (in 0.1M NaOH)	578.0 nm
Loss on Drying	$\leq 5.0\%$ (1h, 110°C)	0.78%

Specification Version v1.0  
Manufacture Date 2020-02-01  
Re-Test Date 2030-07-07

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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