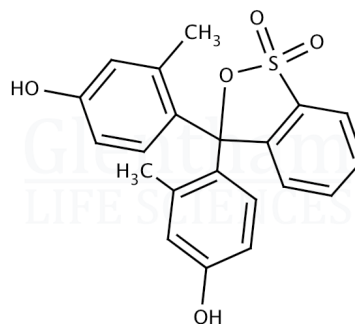


Certificate of Analysis

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

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