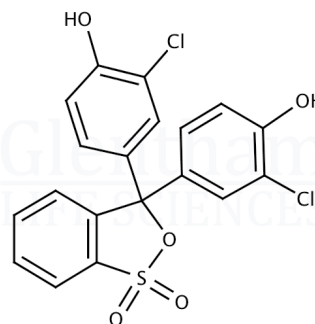


Certificate of Analysis

Product Name	Chlorophenol Red
Glentham Code	GT3722
CAS Number	4430-20-0
EINECS	224-619-2
MDL Number	MFCD00005877
PubChem SID	310270027
Batch Number	150QVG

Molecular Weight	432.28
Molecular Formula	$C_{19}H_{12}Cl_2O_5S$
Storage Temp.	+20°C



Property	Specification	Batch 150QVG
Physical Description	Red to green, red-brown or brown powder or crystals	Conforms
Solubility (0.1% in ethanol)	Clear, orange, dark orange or red-orange solution	Conforms
pH Transition Range(s)	4.6 - 7.3 (yellow to purple)	4.8 - 6.4
Wavelength of Maximum Absorption (λ_{max})	573.0 - 577.0 nm (0.1M NaOH)	574.8nm
Absorptivity (1%/1cm)	≥ 1500 (λ_{max} , dried basis)	1598
Loss on Drying	$\leq 8.0\%$ (1hr at 110 °C)	4.65%
Assay (spectrophotometry)	$\geq 90.0\%$	95.8%

Specification Version	v1.1
Manufacture Date	2019-12-01
Re-Test Date	2030-10-27

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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