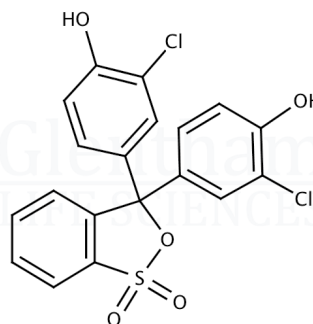


Certificate of Analysis

Product Name Chlorophenol Red
Glenthams 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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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