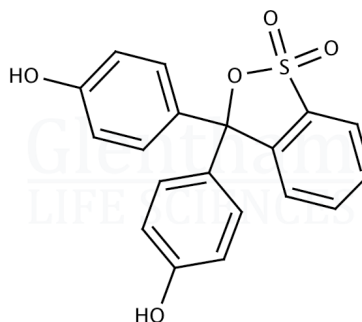


Certificate of Analysis

Product Name Phenol Red
Glentham Code GT9844
CAS Number 143-74-8
EINECS 205-609-7
MDL Number MFCD00003552
PubChem SID 310278714
Batch Number 959QFT

Molecular Weight 354.38
Molecular Formula $C_{19}H_{14}O_5S$
Storage Temp. +20°C



Property	Specification	Batch 959QFT
Physical Description	Red powder	Red powder
Transition Range	Brownish yellow - Red violet (pH 6.5 - 8.2)	Conforms
Appearance of Solution	Clear golden solution (1% solution in 95% Ethanol)	Conforms
Wavelength of Maximum Absorption	430 - 435 nm (pH 6.5)	431nm
Absorptivity (E1%, 1cm cell)	600 - 700 (pH 6.5)	679
Wavelength of Maximum Absorption	557 - 560 nm (pH 8.2)	559nm
Absorptivity (E1%, 1cm cell)	1100 - 1200 (pH 8.2)	1163
Loss on Drying	≤ 3.0% (at 110°C for 1 hour)	0.74%

Specification Version v1.0
Manufacture Date 2022-01-01
Re-Test Date 2031-10-07

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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