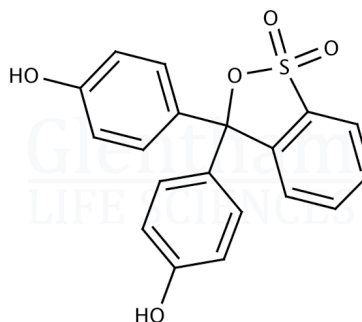


Product Specification

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

Molecular Weight	354.38
Molecular Formula	C ₁₉ H ₁₄ O ₅ S
Storage Temp.	+20°C



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

Specification Version	-	v1.0
Date Created	-	2014-07-17

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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