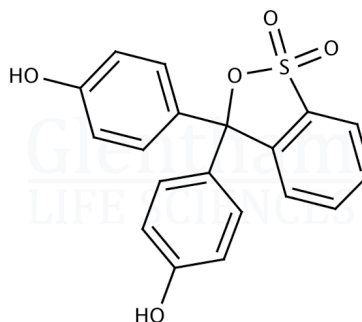


## Product Specification

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

Molecular Weight	354.38
Molecular Formula	C <sub>19</sub> H <sub>14</sub> O <sub>5</sub> 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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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