

Product Datasheet

GT9844 - Phenol Red

Pictograms

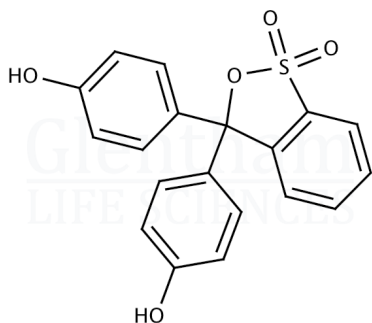


Product Details

Product Name	Phenol Red
Glenthams Code	GT9844
CAS Number	143-74-8
EINECS	205-609-7
MDL-Nummer	MFCD00003552
PubChem SID	310278714
Related Categories	Biochemicals, Dyes & Stains, Reagents for Cell Culture

Structure

Molecular Weight	: 354.38
Molecular Formula	: C ₁₉ H ₁₄ O ₅ S



Glenthams Product 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)
Version	: v1.0

About Phenol Red

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Achtung
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025