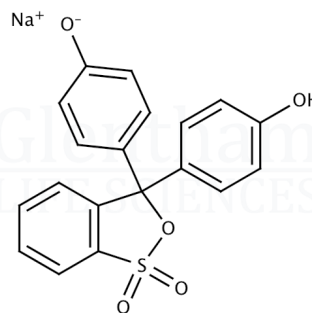


Product Specification

Product Name	Phenol Red sodium salt, ACS grade
Glenthams Code	GE6912
CAS Number	34487-61-1
EINECS	252-057-8
MDL Number	MFCD00066901
Molecular Weight	376.37
Molecular Formula	C ₁₉ H ₁₃ NaO ₅ S
Storage Temp.	+20°C



Property	Specification
Physical Description	Red to brown powder
Solubility (0.1% in water)	Clear, red solution
pH Transition Range	6.5 - 8.2 (yellow to red)
Wavelength of Maximum Absorption (λ_{max})	420.0 - 426.0 nm
Absorptivity (1%/1cm)	≥ 505 (in methanol, at λ_{max})
Loss on Drying	$\leq 5.0\%$ (110°C, 1h)
Dye Content (Spectrophotometry)	$\geq 90.0\%$
Transition range according to ACS	Passes test

Specification Version	-	v1.0
Date Created	-	2020-10-27

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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