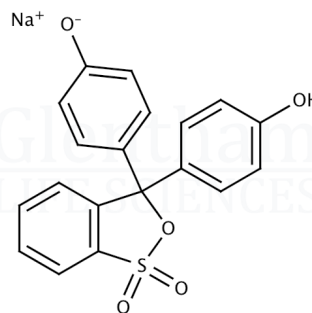


Certificate of Analysis

Product Name Phenol Red sodium salt
Glentham Code GT6682
CAS Number 34487-61-1
EINECS 252-057-8
MDL Number MFCD00066901
PubChem SID 310278715
Batch Number 072IFV

Molecular Weight 376.37
Molecular Formula $C_{19}H_{13}NaO_5S$
Storage Temp. +20°C



Property	Specification	Batch 072IFV
Physical Description	Red to brown powder	Pale red powder
Solubility (0.1% in water)	Clear, red solution	Conforms
pH Transition Range	6.5 - 8.2 (yellow to purple)	Conforms
Wavelength of Maximum Absorption (λ_{max})	420.0 - 426.0 nm	424.2 nm
Absorptivity (1%/1cm)	≥ 505 (in methanol, at λ_{max})	551
Loss on Drying	$\leq 5.0\%$ (110°C, 1h)	2.28%
Dye Content	$\geq 90.0\%$ (spectrophotometry)	98.2%

Specification Version v1.1
Manufacture Date 2021-10-21
Re-Test Date 2032-01-13

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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