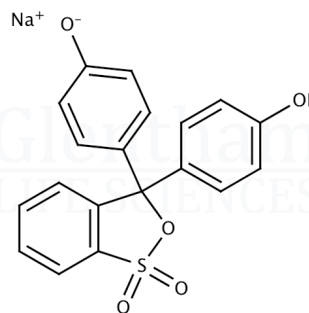


## Certificate of Analysis

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 <sub>19</sub> H <sub>13</sub> NaO <sub>5</sub> S
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 ( $\lambda_{max}$ )	420.0 - 426.0 nm	424.2 nm
Absorptivity (1%/1cm)	$\geq 505$ (in methanol, at $\lambda_{max}$ )	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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