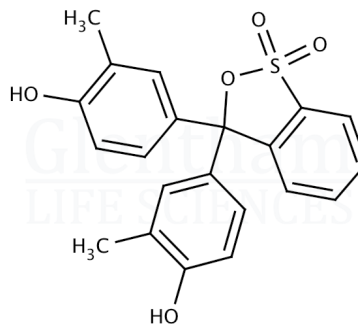


## Certificate of Analysis

Product Name Cresol Red  
Glentham Code GT0793  
CAS Number 1733-12-6  
EINECS 217-064-2  
MDL Number MFCD00005878  
PubChem SID 310270537  
Batch Number 778ECD

Molecular Weight 382.44  
Molecular Formula  $C_{21}H_{18}O_5S$   
Storage Temp. +20°C



Property	Specification	Batch 778ECD
Physical Description	Green to dark red, maroon or brown powder	Dark red powder
Solubility	0.1% in 95% EtOH: Clear, yellow solution	Clear, yellow solution
pH Transition Range	0.5 - 2.5 (pink to yellow)	Conforms
	6.5 - 8.8 (yellow to purple)	Conforms
Absorptivity (1%/1cm)	1000 - 1100 (pH 8.8, at $\lambda_{max1}$ )	1065
	490 - 540 (pH 6.5, at $\lambda_{max2}$ )	523
Loss on Drying	$\leq 3.0\%$ (110°C, 1h)	1.94%

Specification Version v1.0  
Manufacture Date 2019-12-01  
Re-Test Date 2030-02-12

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024