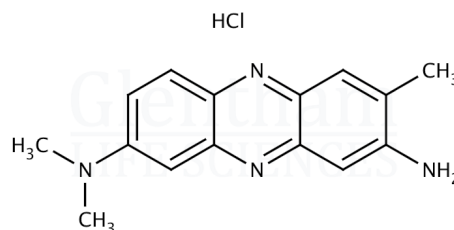


## Certificate of Analysis

Product Name Neutral Red (C.I. 50040); 90%  
Glentham Code GT1293  
CAS Number 553-24-2  
EINECS 209-035-8  
Colour Index 50040  
MDL Number MFCD00012651  
PubChem SID 310277720  
Batch Number 514ZOX

Molecular Weight 288.78  
Molecular Formula  $C_{15}H_{17}ClN_4$   
Storage Temp. +20°C



Property	Specification	Batch 514ZOX
Physical Description	Green, brown or black powder	Black powder
Solubility (0.1% in 50% EtOH + 2ml HOAc)	Clear, red solution	Clear, red solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	535.0 - 545.0 nm	541.6 nm
Absorptivity (1%/1cm)	$\geq 1350$ (at $\lambda_{max}$ )	1396
Loss on Drying	$\leq 10.0\%$ (1h, 110°C)	6.22%
Dye Content (Spectrophotometry)	$\geq 90.0\%$	91.8%

Specification Version v1.0  
Manufacture Date 2016-04-03  
Re-Test Date 2029-09-13

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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