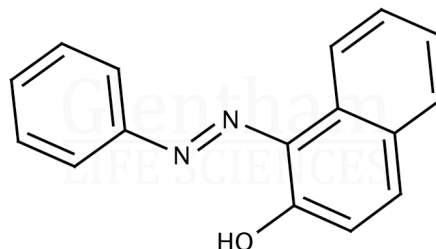


## Certificate of Analysis

Product Name Sudan I (C.I. 12055)  
Glentham Code GT4102  
CAS Number 842-07-9  
EINECS 212-668-2  
Colour Index 12055  
MDL Number MFCD00003911  
PubChem SID 310280353  
Batch Number 515HVH

Molecular Weight 248.28  
Molecular Formula  $C_{16}H_{12}N_2O$   
Storage Temp. +20°C



Property	Specification	Batch 515HVH
Physical Description	Orange to dark orange-red powder	Dark orange powder
Solubility (0.1% in ethanol)	Clear, orange solution	Clear, orange solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	465.0 - 490.0 nm (10mg/l in ethanol)	477.5 nm
Absorptivity (1%/1cm)	$\geq 570$ (at $\lambda_{max}$ , in ethanol)	725.7
Loss on Drying	$\leq 3.0\%$ (1h, 110°C)	1.29%

Specification Version v1.0  
Manufacture Date 2021-12-06  
Re-Test Date 2031-11-17

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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