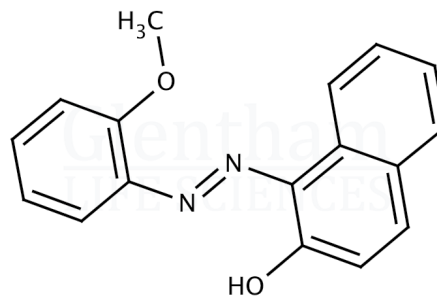


## Certificate of Analysis

Product Name Sudan Red G (C.I. 12150)  
Glentham Code GT7815  
CAS Number 1229-55-6  
Colour Index 12150  
MDL Number MFCD00046377  
PubChem SID 310280359  
Batch Number 381GZK

Molecular Weight 278.31  
Molecular Formula  $C_{17}H_{14}N_2O_2$   
Storage Temp. +20°C



Property	Specification	Batch 381GZK
Physical Description	Yellow-red to red or red-brown powder	Red powder
Solubility (0.1% in toluene)	Clear, orange to red-brown solution	Conforms
Melting Point	176 - 181 °C	178 °C
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	489.0 - 499.0 nm (toluene)	494.0 nm
Absorptivity (E1%, 1cm cell)	$\geq 575$ ( $\lambda_{max}$ )	636.1

Specification Version v1.1  
Manufacture Date 2021-09-23  
Re-Test Date 2031-08-19

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, 2025