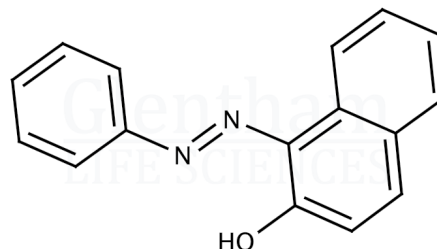


## Certificate of Analysis

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 <sub>16</sub> H <sub>12</sub> N <sub>2</sub> O
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 (λ <sub>max</sub> )	465.0 - 490.0 nm (10mg/l in ethanol)	477.5 nm
Absorptivity (1%/1cm)	≥ 570 (at λ <sub>max</sub> , in ethanol)	725.7
Loss on Drying	≤ 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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