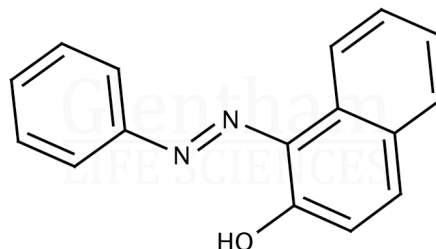


Certificate of Analysis

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 ₂ 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 _{max})	465.0 - 490.0 nm (10mg/l in ethanol)	477.5 nm
Absorptivity (1%/1cm)	≥ 570 (at λ _{max} , 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 or contact us using the details above for the current version of this document.

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