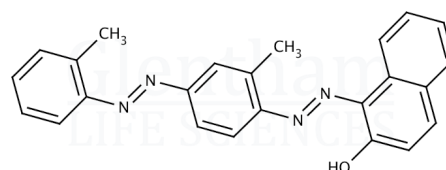


## Certificate of Analysis

Product Name Sudan IV (C.I. 26105)  
Glentham Code GT6404  
CAS Number 85-83-6  
EINECS 201-635-8  
Colour Index 26105  
MDL Number MFCD00003893  
PubChem SID 310280356  
Batch Number 039YOK



Molecular Weight 380.45  
Molecular Formula  $C_{24}H_{20}N_4O$   
Storage Temp. +20°C

Property	Specification	Batch 039YOK
Physical Description	Red to red-brown powder	Red-brown powder
Solubility (0.1% in toluene)	Clear, red solution	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	517.0 - 523.0 nm	521.0nm
Absorptivity (1%/1cm)	$\geq 710$	Conforms
Loss on Drying	$\leq 5.0\%$ (110°C)	1.22%
Dye Content (Spectrophotometry)	$\geq 80.0\%$	95.0%

Specification Version v1.0  
Manufacture Date 2013-10-01  
Re-Test Date 2024-12-13

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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