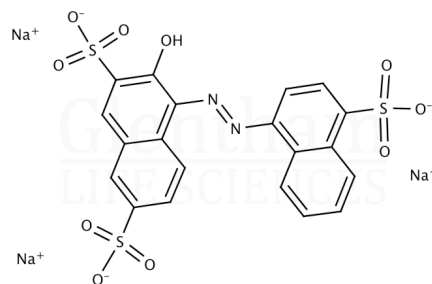


Certificate of Analysis

Product Name Azorubine S (C.I. 16185)
Glentham Code GT1311
CAS Number 915-67-3
EINECS 213-022-2
Farbindex 16185
MDL-Nummer MFCD00004076
PubChem SID 310267228
Batch Number 317DHQ

Molecular Weight 604.46
Molecular Formula $C_{20}H_{11}N_2Na_3O_{10}S_3$
Storage Temp. +20°C



Property	Specification	Batch 317DHQ
Physical Description	Red to dark red or brown powder	Brown powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (1% in water)	Clear, red to dark-red or brown solution	Clear, dark-red solution
Wavelength of Maximum Absorption (λ_{max})	520.0 - 522.0 nm	521.0nm
Absorptivity	≥ 300 (at λ_{max})	366
Loss on Drying	$\leq 10.0\%$ (110°C)	4.2%
Dye Content	85.0 - 95.0 %	86.0%

Specification Version v1.1
Manufacture Date 2024-01-01
Re-Test Date 2030-12-20

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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