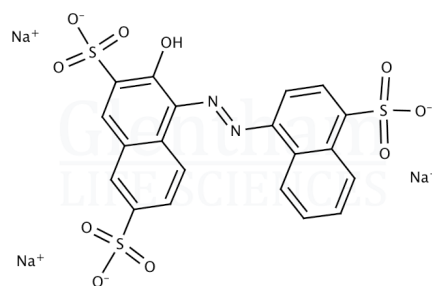


## Certificate of Analysis

Product Name	Azorubine S (C.I. 16185)
Glentham Code	GT1311
CAS Number	915-67-3
EINECS	213-022-2
Colour Index	16185
MDL Number	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 ( $\lambda_{max}$ )	520.0 - 522.0 nm	521.0nm
Absorptivity	$\geq 300$ (at $\lambda_{max}$ )	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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