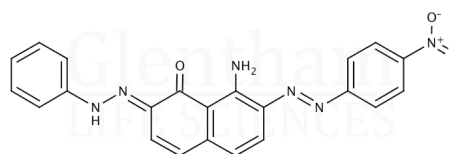


Certificate of Analysis

Product Name	Nigrosine (C.I. 50420)
Glentham Code	GT3707
CAS Number	8005-03-6
Colour Index	50420
MDL Number	MFCD00044681
Batch Number	230TCS
Molecular Weight	616.49
Molecular Formula	$C_{22}H_{14}N_6Na_2O_9S_2$
Storage Temp.	+20°C



Property	Specification	Batch 230TCS
Physical Description	Brown to black crystalline powder or crystals	Black crystalline powder
Solubility	0.1% in water: Dark blue to dark violet, clear solution	Clear, dark blue solution
Wavelength of Maximum Absorption	570 - 600 nm (E1%, 1cm cell, water)	572 nm
Absorption Ratio	0.90 - 1.10 (at Lambda max $\pm$ 15nm)	1.0
Specific Absorption	≥ 200 (E1%, 1cm cell, at Lambda max)	226.52
Water	$\leq 10.0\%$	4.65%

Specification Version	v1.0
Manufacture Date	2020-08-07
Re-Test Date	2032-02-28

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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