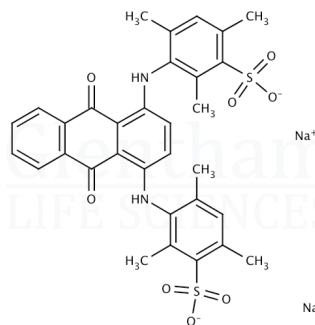


## Certificate of Analysis

Product Name	Acid Blue 80
Glentham Code	GT9286
CAS Number	4474-24-2
EINECS	224-748-4
MDL Number	MFCD00001192
PubChem SID	310265768
Batch Number	124YVC
Molecular Weight	678.68
Molecular Formula	$C_{32}H_{28}N_2Na_2O_8S_2$
Storage Temp.	+20°C



Property	Specification	Batch 124YVC
Physical Description	Blue, dark blue or black powder	Dark blue powder
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	621.0 - 631.0 nm (in water)	626.5nm
Specific Absorption (E1%/1cm)	$\geq 200$ (at $\lambda_{max}$ )	220
Absorption Ratio ( $\lambda_{max} \pm 15$ nm)	0.95 - 1.50	1.19
Loss on Drying	$\leq 10.0\%$ (105°C)	4.2%

Specification Version	v1.0
Manufacture Date	2021-08-23
Re-Test Date	2031-09-30

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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