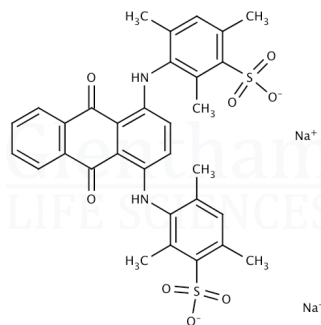


Certificate of Analysis

Product Name	Acid Blue 80
Glenthams 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 (λ_{max})	621.0 - 631.0 nm (in water)	626.5nm
Specific Absorption ($E_{1\%/1cm}$)	≥ 200 (at λ_{max})	220
Absorption Ratio ($\lambda_{max} \pm 15nm$)	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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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