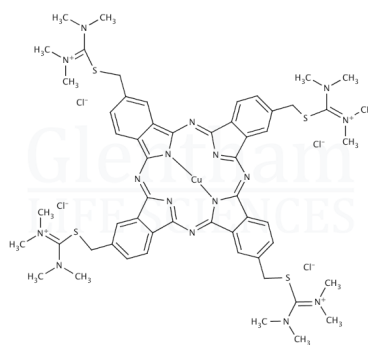


Certificate of Analysis

Product Name Alcian Blue 8 GX (C.I. 74240)
Glentham Code GT8542
CAS Number 75881-23-1
EINECS 251-705-7
Colour Index 74240
MDL Number MFCD00010720
Additional CAS 33864-99-2
Batch Number 179VRR

Molecular Weight 1298.88
Molecular Formula $C_{56}H_{68}Cl_4CuN_{16}S_4$
Storage Temp. +20°C



Property	Specification	Batch 179VRR
Physical Description	Dark blue powder	Dark blue powder
Solubility	0.8% in water: Clear, dark blue solution	Clear, dark blue solution
Wavelength of Maximum Absorption (λ_{max})	614 - 625 nm (water)	624 nm
Loss on Drying	$\leq 20\%$	2.5%
Dye Content	$\geq 55\%$ (UV)	~81%

Specification Version v1.0
Manufacture Date 2022-06-01
Re-Test Date 2031-05-25

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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