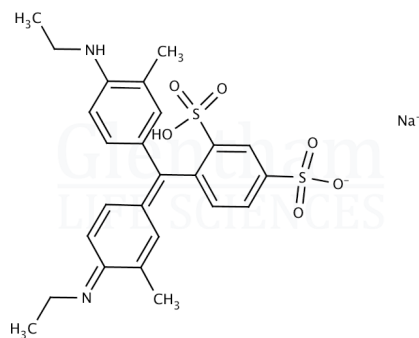


Certificate of Analysis

Product Name Xylene Cyanol FF (C.I. 42135)
Glentham Code GT4153
CAS Number 2650-17-1
EINECS 220-167-5
Colour Index 42135
MDL Number MFCD00019481
PubChem SID 310281776
Batch Number 234MCO

Molecular Weight 538.61
Molecular Formula $C_{25}H_{27}N_2NaO_6S_2$
Storage Temp. +20°C



Property	Specification	Batch 234MCO
Physical Description	Light-green to dark green powder	Dark green powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (0.1% in water)	Clear, dark blue solution	Clear, dark blue solution
Wavelength of Maximum Absorption (λ_{max})	612.0 - 618.0 nm (5mg/L in water)	614.0nm
Extinction Coefficient	≥ 54000 (at λ_{max} , 5mg/L in water)	57440
Loss on Drying	$\leq 10.0\%$ (105°C)	4.3%
Assay	$\geq 75.0\%$	77.3%

Specification Version v1.1
Manufacture Date 2022-12-01
Re-Test Date 2032-09-22

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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