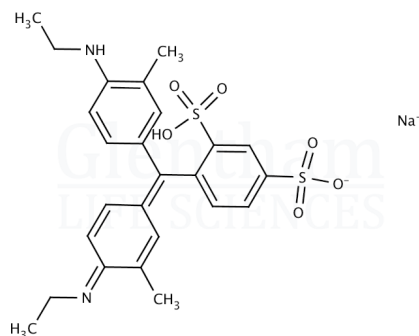


Certificate of Analysis

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 135RRC

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



Property	Specification	Batch 135RRC
Physical Description	Light-green to dark green powder	Dark green powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, dark blue solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	612.0 - 618.0 nm (5mg/L in water)	614nm
Extinction Coefficient	≥ 54000 (at λ_{max} , 5mg/L in water)	67110
Loss on Drying	$\leq 10.0\%$ (105°C)	3.1%
Assay	$\geq 75.0\%$	77.3%

Specification Version v1.1
Manufacture Date None
Re-Test Date 2028-01-22

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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