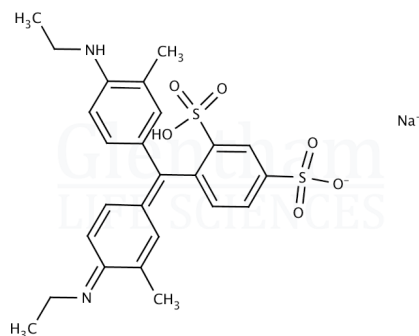


Product Specification

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

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



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

Specification Version	- v1.1
Date Created	- 2023-10-24

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025