



Specifications

Xylene Cyanol FF

Catalog Number: XC1002
C.I. Number: 42135
CAS Number: 4463-44-9
Synonyms: Acid Blue 147
Molecular Formula: C₂₅H₂₇N₂NaO₆S₂
Molecular Weight: 538.61
Storage: 15°C – 30°C

Test	Specification
Appearance	Green or dark green powder
Identification (IR)	Conforms to structure
Assay	75 % minimum
Lambda max.	615nm
Extinction Co-efficient	$E(615\text{nm} + 3\text{nm}) = 604$
Loss on drying @ 105 Deg.C	10 % maximum
Solubility (1 mg/ml, H ₂ O)	Dark blue solution
Suitability:	Suitable as a tracking dye for DNA sequencing

Approved by:

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