

## Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs 5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146

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## **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:  $15^{\circ}\text{C} - 30^{\circ}\text{C}$ 

Test	Specification
Appearance	Green or dark green powder
Identification (IR)	Conforms to structure
Assay	75 % minimum
Lambda max.	615nm
Extinction Co-efficient	E(615nm + 3nm) = 604
Loss on drying @ 105 Deg.C	10 % maximum
Solubility	Dark blue solution
(1 mg/ml, H2O)	
Suitability:	Suitable as a tracking dye for DNA
	sequencing

Date: February 18, 2020

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

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**Quality Manager** 

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