



CERTIFICATE OF ANALYSIS

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1. Identification

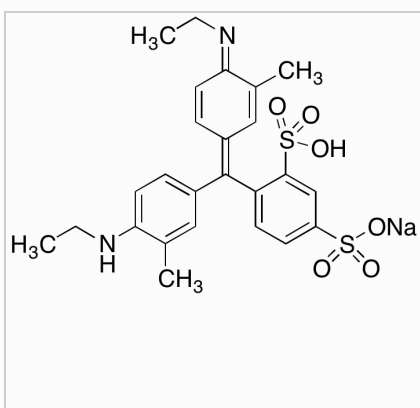
Catalogue Number: X749413

CAS Number: 2650-17-1

Product: Xylene Cyanol FF (Technical Grade)

Synonym: C.I. Acid Blue 147; C.I. Acid Blue 147, Monosodium Salt; Xylene Cyanole FF; Acid Blue 147; Acidine Pure Blue C Extra; Albion Xylene Cyanol; C.I. 42135; Cyanol Extra; Disulphine Blue FFN 200; Erio Glaucine FFX; Kition Pure Blue FF; Merantine Blue FF; Xylene Blue FF; Xylene Cyanole;

Structure:



Molecular Formula:

C₂₅H₂₇N₂NaO₆S₂

Molecular weight:

538.61

Source of Product:

N/A

Solubility:

DMSO (Slightly, Sonicated),
Methanol (Very Slightly),
Water (Slightly)

Lot Number: 17-SBL-34-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

UV Absorbance

Appearance

NMR

MS

Specifications:

Report Result

Dark Green to Very Dark Blue Solid

Conforms to Structure

Conforms to Structure

Results:

204 nm, 305 nm, 399 nm, 609 nm

Dark Green to Very Dark Green Solid

Conforms

Conforms

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

6/17/2021

Retest Date

6/15/2025