



CERTIFICATE OF ANALYSIS

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1. Identification

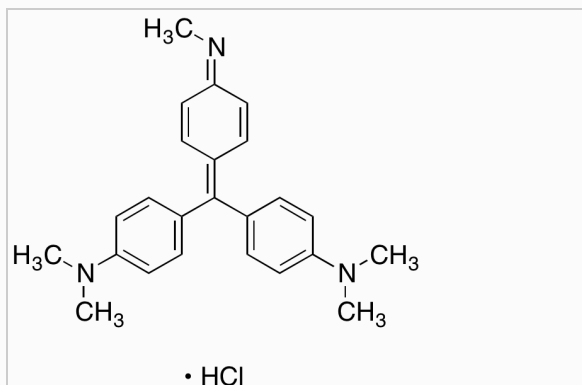
Catalogue Number: D495360

CAS Number: 603-47-4

Product: 4-[[4-(Dimethylamino)phenyl][4-(methylimino)cyclohexa-2,5-dien-1-ylidene]methyl]-N,N-dimethylaniline Hydrochloride (Technical Grade)

Synonym: Gentian Violet B; Methyl Violet 2BN200; Pentamethyl Pararosanine Chloride

Structure:



Molecular Formula:

$C_{24}H_{27}N_3 \cdot (HCl)$

Molecular weight:

357.49 + (36.46)

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 711642071-1-1

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:

Specifications:

Results:

Appearance

Dark Green to Very Dark Green Solid

Dark Green to Very Dark Green Solid

UV Absorbance

Report Result

201 nm, 248 nm, 302 nm, 581 nm

MS

Conforms to Structure

Conforms

FT-IR

Conforms to Structure

Conforms

NMR

Conforms to Structure

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

Reviewed By

C of A Approved By

Test Date

Retest Date

Swathi Reddy

Toni Rantanen

Chanell Chu

8/12/2022

8/10/2026