



CERTIFICATE OF ANALYSIS

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1. Identification

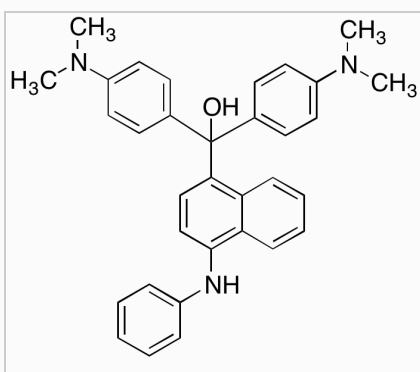
Catalogue Number: B416410

CAS Number: 6786-83-0

Product: a,a-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)-1-naphthalenemethanol (Technical Grade)

Synonym: C.I. Solvent Blue 4; Aizen Victoria Blue B Base; Baso Blue 645; Brilliant Oil Blue B Base; C.I. 44045B; Fast Oil Blue B Base; Solvent Blue 4; Victoria Blue B Base; Victoria Blue BA Base; Victoria Blue BDP Base; Victoria Blue Base; Victoria Blue Base B; Victoria Blue Base FB; Waxoline Victoria Blue B;

Structure:



Molecular Formula:

C₃₃H₃₃N₃O

Molecular weight:

487.63

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2023-JPO-191

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 Red to Black Solid	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	313 nm, 501 nm

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
Nicole Yip	Toni Rantanen	Chanell Chu	4/13/2023	4/11/2027