



## CERTIFICATE OF ANALYSIS

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### 1. Identification

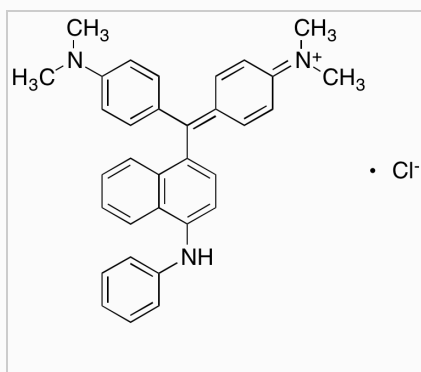
**Catalogue Number:** B118748

**CAS Number:** 2580-56-5

**Product:** Basic Blue 26

**Synonym:** Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride; C.I. Basic Blue 26 (7CI,8CI); Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride (9CI); Victoria Blue B (6CI); ADC Victoria Blue B; Aizen Victoria Blue BH; BTK Victoria Blue; Basazol C Blue 57; Basic Blue B; Basic Victoria Blue B; Basonyl Blue 640; Basonyl Blue 644; Basovic

**Structure:**



**Molecular Formula:**

C<sub>33</sub>H<sub>32</sub>ClN<sub>3</sub>

**Molecular weight:**

506.08

**Source of Product:**

N/A

**Solubility:**

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

**Lot Number:** 1-MXZ-136-1

**Purity:** 95%

**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	Very Dark Brown to Black Solid	Very Dark Brown to Black Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 74.98, %H: 6.38, %N: 7.95
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	214 nm, 308 nm, 616 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 ± 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**

11/8/2021

**Retest Date**

11/6/2025