



## CERTIFICATE OF ANALYSIS

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### 1. Identification

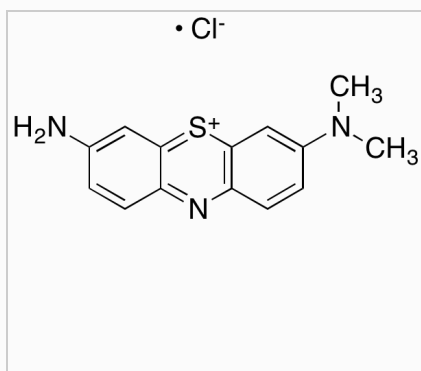
**Catalogue Number:** A965303

**CAS Number:** 531-53-3

**Product:** Azure A (Technical Grade)

**Synonym:** 3-Amino-7-(dimethylamino)phenazathionium Chloride; 5-Chloro-3-dimethylamino-7-amino-5H-phenothiazine; Azur A; Azure A Chloride; Azure Blue Cert; Azurea Dye; C.I. 52005; N,N-Dimethylthionine;

**Structure:**



**Molecular Formula:**

C<sub>14</sub>H<sub>14</sub>N<sub>3</sub>S • Cl

**Molecular weight:**

256.35+(35.45)

**Source of Product:**

N/A

**Solubility:**

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

**Lot Number:** 1075935-1-1

**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	Green to Black Solid	Blue to Black Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	243 nm, 288 nm, 631 nm
FT-IR	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 ± 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	Christina Gouliaras	10/28/2022	10/26/2026