



CERTIFICATE OF ANALYSIS

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1. Identification

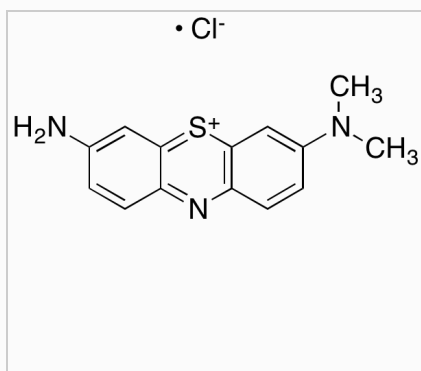
Catalogue Number: A965303

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:

C₁₄H₁₄N₃S • Cl

Molecular weight:

256.35+(35.45)

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711849405-3-1

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	Very Dark Green Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
UV Absorbance	Report Result	244 nm, 288 nm, 631 nm
Chloride Content	Report Result	17.8%

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	8/1/2023	7/30/2027