



CERTIFICATE OF ANALYSIS

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1. Identification

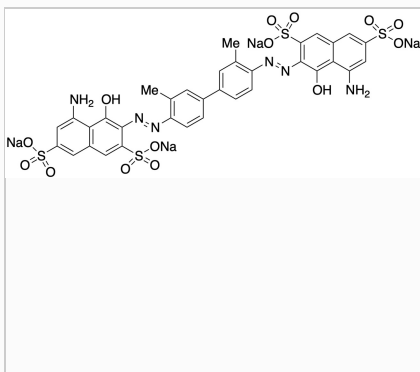
Catalogue Number: T895523

CAS Number: 72-57-1

Product: Trypan Blue (Technical Grade)

Synonym: C.I. Direct Blue 14, Tetrasodium Salt; Diphenyl Blue; Amanil Sky Blue R; Bencidal Blue 3B; Benzamine Blue; Benzanil Blue 3BN; Benzo Blue 3BS; Benzo Blue; Blue 3B; Blue EMB; Brasilamina Blue 3B; C.I. 23850; C.I. Direct Blue 14; Chloramine Blue 3B;

Structure:



Molecular Formula:

$C_{34}H_{24}N_6Na_4O_{14}S_4$

Molecular weight:

960.81

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 1-JLO-51-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Blue to Black Solid	Dark Blue to Black Solid
NMR	Conforms to Structure	Conforms
MS	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	11/16/2022	11/14/2026