



CERTIFICATE OF ANALYSIS

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1. Identification

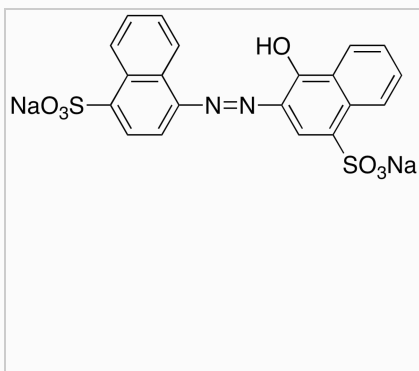
Catalogue Number: A965140

CAS Number: 3567-69-9

Synonym: C.I. Acid Red 14, Disodium Salt (8CI); 11959 Red; AR 14; Acid Brilliant Rubine 2G; Acid Carmosine S; Acid Chrome Blue 2R; Acid Fast Red FB; Acid Naphthol Red B; Acid Red 14; Acid Red 2S; Acid Red B; Acid Red B (Chinese); Acid Rubine; Acid Violet Red; Acidic Red B; Airedale Carmoisine; Amacid Carmoisine B; Amacid Chrome Blue R; Amaranth 36028; Azo Rubin Extra; Azo Rubine LZ; Azorubin; Basovit Red 440E; Brasilan Azo Rubine 2NS; Brilliant Acid Rubine M; Brilliant Carmoisine; Brilliant Crimson 2R-FQ

Product: Azo Rubine (Technical Grade)

Structure:



Molecular Formula:

C₂₀H₁₂N₂NaO₇S₂

Molecular weight:

502.43

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711810496-5-1

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 Red to Black Solid	Very Dark Red to Black Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	217 nm, 291 nm, 322 nm, 516 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	5/25/2023	5/23/2027
				