



# CERTIFICATE OF ANALYSIS

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## 1. Identification

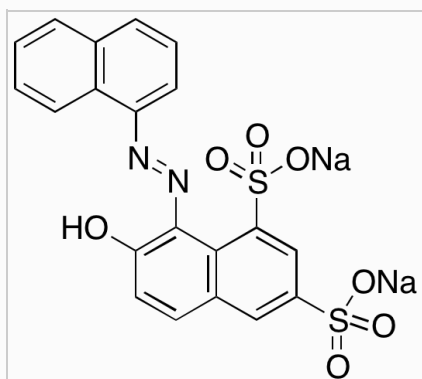
**Catalogue Number:** C827490

**CAS Number:** 2766-77-0

**Product:** Crystal Ponceau 6R (Technical Grade)

**Synonym:** C.I. Acid Red 44; C.I. Acid Red 44, Disodium Salt; Acid Leather Ponceau 6R; Acid Ponceau 6R; Acid Red 6A; Acidal Crystals Ponceau; Brilliant Crystal Scarlet;

**Structure:**



**Molecular Formula:**

C<sub>20</sub>H<sub>12</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>7</sub>S<sub>2</sub>

**Molecular weight:**

502.43

**Source of Product:**

N/A

**Solubility:**

DMSO (Sparingly), Methanol (Slightly)

**Lot Number:** 51-GHZ-92-1

**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	Very 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	261 nm, 334 nm, 508 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
Swathi Reddy	Toni Rantanen	Chanell Chu	2/4/2023	2/2/2027