

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: A795263 CAS Number: 6459-94-5

Synonym: 8-[[3,3'-Dimethyl-4'-[[4-[[(4-

Acid Red 114 (Technical Grade) methylphenyl)sulfonyl]oxy]phenyl]azo][1,1'-

biphenyl]-4-yl]azo]-7-hydroxy-,1,3naphthalenedisulfonic Acid Disodium Salt

Structure:

Molecular Formula:

C37H28N4Na2O10S3

Molecular weight:

830.81

Source of Product:

N/A

Solubility:

DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly)

Lot Number: 2-PVA-20-1 Purity: Technical Grade

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

Storage Condition: -20°C

2. Warning

Warning 1: Warning 2: Warning 3:

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3. Analytical Information

Tests:Specifications:Results:NMRConforms to StructureConformsMSConforms to StructureConforms

Appearance Red to Very Dark Red Solid Very Dark Red Solid

FT-IR Conforms to Structure Conforms

UV Absorbance Report Result 194 nm, 203 nm, 368 nm, 513 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 \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

Neha Khanna

Toni Rantanen

Chanell Chu

11/19/2021

11/17/2025

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