



CERTIFICATE OF ANALYSIS

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1. Identification

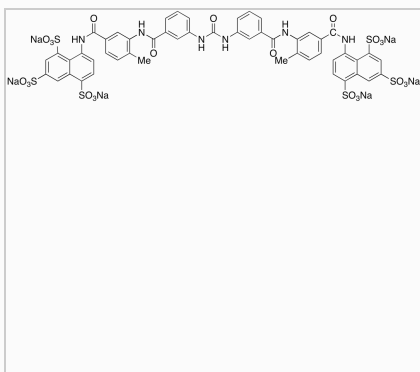
Catalogue Number: S860000

CAS Number: 129-46-4

Synonym: 8,8'-[Carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-1,3,5-naphthalenetrisulfonic Acid Sodium Salt (1:6); 8,8'-[Carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-1,3,5-naphthalenetrisulfonic Acid Hexasodium Salt; 8,8'-[Ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-1,3,5-naphthalenetrisulfonic Acid Hexasodium Salt; 309F; 8,8'-[Ureylenebis[m-phenylene carbonylimino(4-methyl-m-phenylene)carbo

Product: Suramin (Sodium Salt)

Structure:



Molecular Formula:

$C_{51}H_{34}N_6Na_6O_{23}S_6$

Molecular weight:

1429.17

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711836534-1-1

Purity: 98%

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

Storage Condition: 4°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.84% (240 nm)
MS	Conforms to Structure	Conforms
Appearance	White to Light Red Solid	Pale Orange to Pale Red Solid
Sodium Content	Report Result	9.3%
Elemental Analysis	Conforms	%C: 40.08, %H: 3.43, %N: 5.44

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
Sarbjit Kaur	Toni Rantanen	Christina Gouliaras	7/26/2023	7/24/2027
				