



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

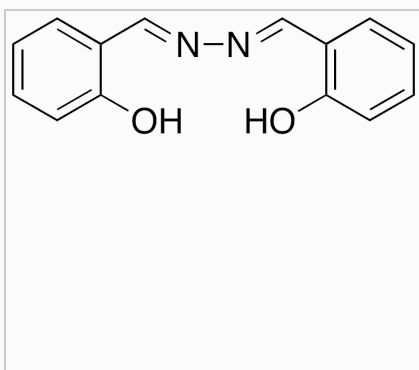
Catalogue Number: S087500

CAS Number: 959-36-4

Product: Salicylaldehyde Azine

Synonym: 2-Hydroxybenzaldehyde 2-[(2-Hydroxyphenyl)methylene]hydrazone; 2,2'-Dihydroxybenzalazine; Bis[2-hydroxybenzaldehyde] Hydrazone; N,N'-Bis(salicylidene)hydrazine; NSC 695048; NSC 864; Salazine; Salicylalazine; Salicylaldazine; Salicylazine; o-Hydroxybenzaldazine;

Structure:



Molecular Formula:

C₁₄H₁₂N₂O₂

Molecular weight:

240.26

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Very Slightly)

Lot Number: 711810496-1-1

Purity: 98%

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	Pale Yellow to Yellow Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.43, %H: 5.11, %N: 11.29
HPLC Purity	Report Result	99.97% (295 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	No water detected by Karl Fischer
TGA	Report Result	See Additional Information
FT-IR	Conforms to Structure	Conforms

Additional Information:

The sample was tested by TGA, initiated in a nitrogen environment. The initial degradation onset temperature was measured at 226.0°C. The environment was changed to air at 800.0°C. The sample had 0.1% of its weight remaining at 996.8°C. No solvent detected based on HNMR.

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
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	7/7/2023	7/5/2027
				