



CERTIFICATE OF ANALYSIS

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1. Identification

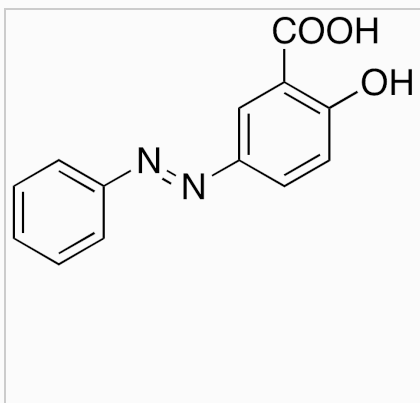
Catalogue Number: P319460

CAS Number: 3147-53-3

Product: Phenylazosalicylic Acid

Synonym: 2-Hydroxy-5-(2-phenyldiazenyl)benzoic Acid; 2-Hydroxy-5-(phenylazo)benzoic Acid; 5-(Phenylazo)salicylic Acid; 2-Hydroxy-5-(phenylazo)benzoic Acid; CK 46A; NSC 163392;

Structure:



Molecular Formula:

C₁₃H₁₀N₂O₃

Molecular weight:

242.23

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Aqueous Base (Slightly), Methanol (Slightly)

Lot Number: 7-YKZ-132-3

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Light Sensitive

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Brown to Dark Brown Solid	Brown to Dark Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	98.06% (350 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Acetic Acid = 9.5 : 0.5 : 0.05; Visualized with UV and Naked Eye; Single Spot, R_f = 0.55.

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
Eric Beaton	Toni Rantanen	My Nguyen	1/7/2020	1/5/2027