



CERTIFICATE OF ANALYSIS

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1. Identification

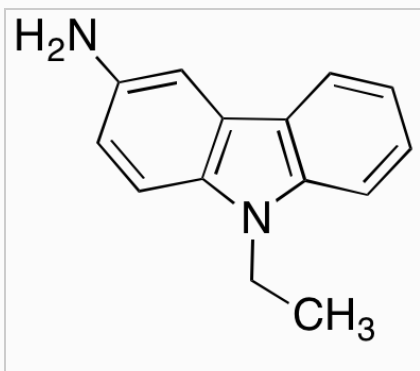
Catalogue Number: A771723

CAS Number: 132-32-1

Product: AEC, 50X

Synonym: 9-Ethyl-9H-carbazol-3-amine; 3-Amino-9-ethylcarbazole; 3-Amino-N-ethylcarbazole; 9-Ethyl-3-carbazolamine; 9-Ethyl-9H-carbazol-3-ylamine; 9-Ethyl-9H-carbazole-3-amine; AEC; AEC (chromogen); NSC 67709; NSC 96640

Structure:



Molecular Formula:

C₁₄H₁₄N₂

Molecular weight:

210.27

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-MS-83-1

Purity: 96%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Brown to Very Dark Brown Solid	Very Dark Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.33% (240 nm)
Elemental Analysis	Conforms	%C: 76.78, %H: 6.88, %N: 12.69

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
Henry Tieu	Toni Rantanen	Chanell Chu	3/19/2024	3/17/2028