



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

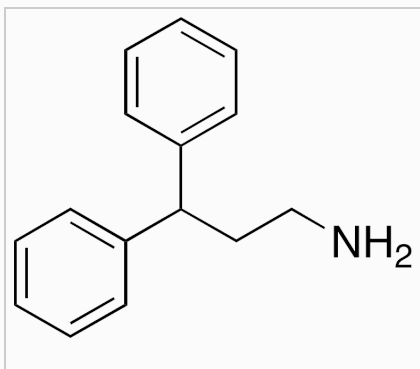
Catalogue Number: D491975

CAS Number: 5586-73-2

Product: 3,3-Diphenylpropylamine

Synonym: 1-Amino-3,3-diphenylpropane; 3,3-Diphenyl-1-propanamine; 3,3-Diphenyl-1-propylamine; Diphenylpropylamine; IEM 2011; NSC 137832; γ -Phenylbenzenepropanamine;

Structure:



Molecular Formula:

C₁₅H₁₇N

Molecular weight:

211.3

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 5-YFD-8-1

Purity: 97%

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

Storage Condition: 20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Light Brown Oil	Clear Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00% (205 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Ammonium Hydroxide = 9 : 1 : 0.1; Visualized with UV, AMCS, and KMnO₄; Single Spot, R_f = 0.50.

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	Nicole Yip	My Nguyen	10/18/2019	10/16/2026