



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

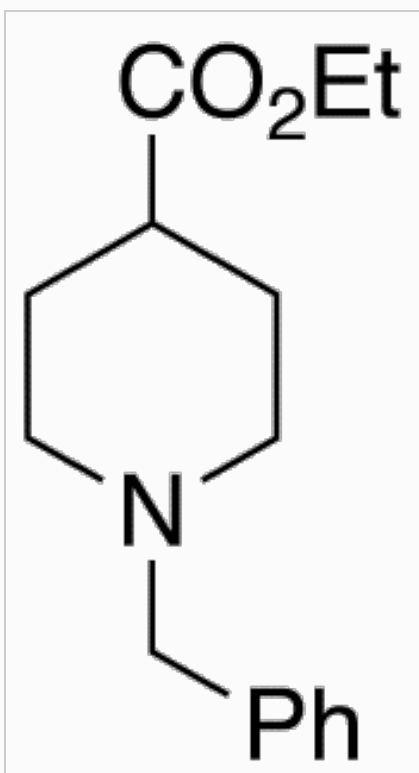
Catalogue Number: B233660

CAS Number: 24228-40-8

Product: N-Benzyl-4-carboethoxypiperidine

Synonym: 1-(Phenylmethyl)-4-piperidinecarboxylic Acid Ethyl Ester; 1-(Phenylmethyl)piperidine-4-carboxylic Acid Ethyl Ester; Ethyl 1-Benzylisonipecotate; Ethyl 1-Benzylpiperidine-4-carboxylate;

Structure:



Molecular Formula:

C₁₅H₂₁NO₂

Molecular weight:

247.33

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Hexanes (Slightly), Methanol
(Slightly)

Lot Number: 12-AZC-41-1

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:
Elemental Analysis	Conforms	%C: 72.53, %H: 8.68, %N: 5.66
Appearance	Colourless to Yellow Oil	Clear Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	96.78% (210 nm)

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**

Hanxiang Li

**Reviewed By**

Toni Rantanen

**C of A Approved
By**

Chanell Chu

**Test Date**

6/14/2021

Retest Date

6/12/2025