



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

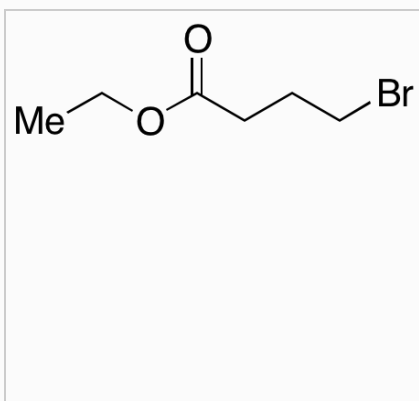
Catalogue Number: E900290

CAS Number: 2969-81-5

Product: Ethyl 4-Bromobutanoate

Synonym: 1-Bromo-3-(carboethoxy)propane; 3-(Ethoxycarbonyl)propyl Bromide; 4-Bromobutanoic Acid Ethyl Ester; 4-Bromobutyric Acid Ethyl Ester; Ethyl 4-Bromobutyrate; Ethyl γ -Bromobutyrate; NSC 133462; γ -Bromobutyric Acid Ethyl Ester

Structure:



Molecular Formula:

$C_6H_{11}BrO_2$

Molecular weight:

195.05

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly), Methanol (Sparingly)

Lot Number: 2022-SBL-029

Purity: 97%

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	Colourless to Pale Yellow Oil	Clear Pale Yellow Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.92, %H: 5.85
MS	Conforms to Structure	Conforms
GC	Report Result	99.87%

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	11/9/2022	11/7/2026