



CERTIFICATE OF ANALYSIS

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1. Identification

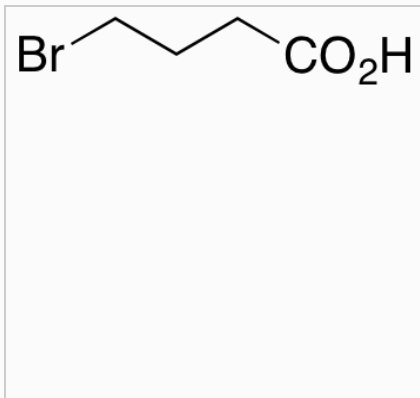
Catalogue Number: B682045

CAS Number: 2623-87-2

Product: 4-Bromobutyric Acid

Synonym: 4-Bromobutanoic Acid; 4-Bromobutyric Acid; Carboxypropyl Bromide; NSC 99322; γ -Bromobutyric Acid

Structure:



Molecular Formula:

C₄H₇BrO₂

Molecular weight:

167

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO, Methanol (Slightly),
Water (Slightly)

Lot Number: 9-AZP-27-1

Purity: 95%

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 Dark Brown Oil to Low-Melting Solid | Brown to Dark Brown Low-Melting Solid |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 28.64, %H: 3.84 |

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 |
|-------------|---------------|--------------------|------------|-------------|
| Neha Khanna | Toni Rantanen | Chanell Chu | 11/17/2021 | 11/15/2025 |