



CERTIFICATE OF ANALYSIS

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1. Identification

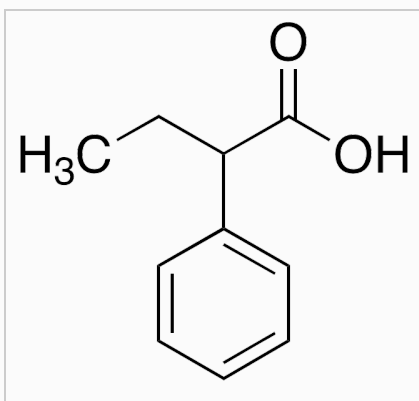
Catalogue Number: P319600

CAS Number: 90-27-7

Product: 2-Phenylbutyric Acid

Synonym: 2-Ethyl-2-phenylacetic Acid; α -Ethylbenzeneacetic Acid; (RS)-2-Phenylbutanoic Acid; (+/-)-2-Phenylbutanoic Acid; α -Ethyl- α -toluic Acid; α -Ethylbenzeneacetic Acid; α -Ethylphenylacetic Acid;

Structure:



Molecular Formula:

C₁₀H₁₂O₂

Molecular weight:

164.2

Source of Product:

N/A

Solubility:

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

Lot Number: 1-YAS-100-1

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:
Appearance	White to Off-White Low-Melting Solid	Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

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	6/10/2021	6/8/2025