



CERTIFICATE OF ANALYSIS

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1. Identification

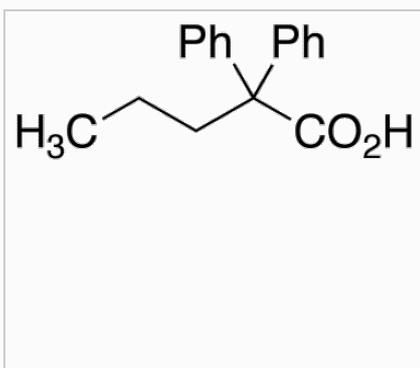
Catalogue Number: D491835

CAS Number: 841-32-7

Product: 2,2-Diphenylpentanoic Acid

Synonym: 2,2-Diphenylvaleric Acid; α -Phenyl- α -propylbenzeneacetic Acid; 2,2-Diphenyl-valeric Acid; Diphenylpropylacetic Acid; NSC 88046; SKF 2314

Structure:



Molecular Formula:

C₁₇H₁₈O₂

Molecular weight:

254.32

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Dichloromethane (Slightly)

Lot Number: 4-EQJ-105-3

Purity: 98%

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 | White to Off-White Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 79.78, %H: 7.13 |
| HPLC Purity | >95% | 98.13% (205 nm) |

Additional Information: Elemental Analysis: (Theoretical) %C: 80.28, %H: 7.13

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

Eric Beaton

Reviewed By

Toni Rantanen

C of A Approved By

My Nguyen

Test Date

7/14/2020

Retest Date

7/12/2030