



CERTIFICATE OF ANALYSIS

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1. Identification

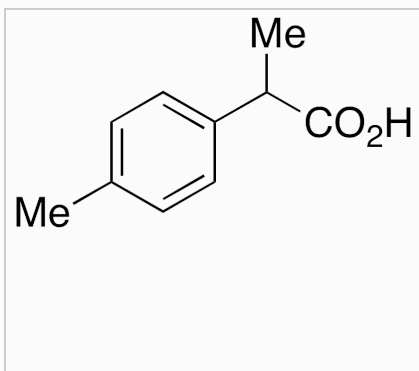
Catalogue Number: T536780

CAS Number: 938-94-3

Product: 2-(p-Tolyl)propionic Acid

Synonym: α ,4-Dimethylbenzeneacetic Acid; p-Methylhydratropic Acid; ($\pm$)-2-(p-Methylphenyl)propionic Acid; 2-(4-Methylphenyl)propanoic Acid; 2-(4-Methylphenyl)propionic Acid; 2-(p-Methylphenyl)propionic Acid; 2-p-Tolylpropionic Acid; p-Methylhydratropic Acid; α ,4-Dimethylbenzeneacetic Acid; α -(p-Tolyl)propionic Acid; Ibuprofen EP Impurity D

Structure:



Molecular Formula:

$C_{10}H_{12}O_2$

Molecular weight:

164.2

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-CGS-167-1

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	White to Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.56% (220 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	8/15/2023	8/13/2027