



CERTIFICATE OF ANALYSIS

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1. Identification

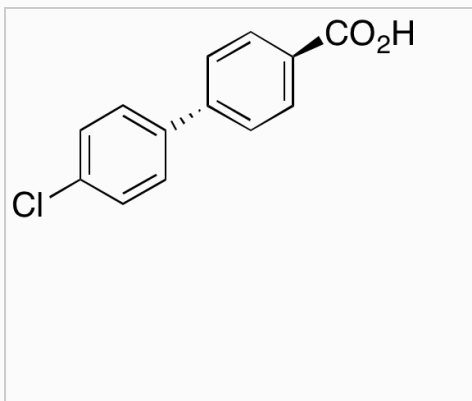
Catalogue Number: C379455

CAS Number: 49708-81-8

Product: trans-4-(4-Chlorophenyl)
cyclohexanecarboxylic Acid

Synonym: trans-4-(p-Chlorophenyl)
cyclohexanecarboxylic Acid;

Structure:



Molecular Formula:

C₁₃H₁₅ClO₂

Molecular weight:

238.71

Source of Product:

N/A

Solubility:

Chloroform (Slightly,
Sonicated), DMSO (Slightly),
Methanol (Slightly, Sonicated)

Lot Number: 2023-ZEA-127

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At
Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

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

Elemental Analysis

Conforms

%C: 65.25, %H: 6.33

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

100.00% (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

Sarbjeet Kaur

Toni Rantanen

Chanell Chu

4/27/2023

4/25/2027