



CERTIFICATE OF ANALYSIS

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1. Identification

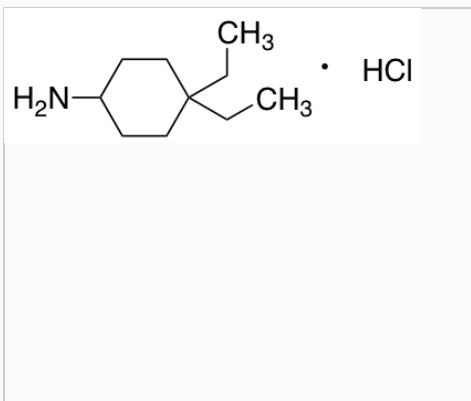
Catalogue Number: D477500

CAS Number: 1087747-58-7

Product: 4,4-Diethylcyclohexan-1-amine Hydrochloride

Synonym:

Structure:



Molecular Formula:

$C_{10}H_{21}N \cdot HCl$

Molecular weight:

191.74

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly), Water
(Slightly)

Lot Number: 2022-CTZ-012

Purity: 98%

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

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.04, %H: 11.58, %N: 7.53
Chloride Content	Report Result	17.89% by Ion Chromatography
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.35% (ELSD)

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
Nicole Yip	Toni Rantanen	Chanell Chu	11/3/2022	11/1/2026