



CERTIFICATE OF ANALYSIS

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1. Identification

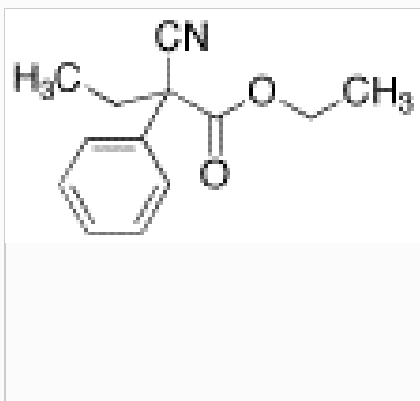
Catalogue Number: E907750

CAS Number: 718-71-8

Product: Ethyl Cyanoethylphenylacetate

Synonym: 2-Cyano-2-phenyl-butyric Acid Ethyl Ester; α -Cyano- α -ethyl-benzeneacetic Acid Ethyl Ester; NSC 6912;

Structure:



Molecular Formula:

C₁₃H₁₅NO₂

Molecular weight:

217.26

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
DMSO (Slightly), Methanol
(Slightly)

Lot Number: 711642690-3-1

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.92% (205 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-0.1° (c = 0.2, Methanol)
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 72.35, %H: 7.13, %N: 7.42

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
Henry Tieu	Toni Rantanen	Chanell Chu	8/5/2022	8/3/2026