



CERTIFICATE OF ANALYSIS

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1. Identification

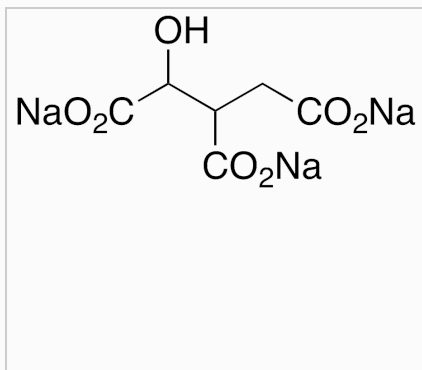
Catalogue Number: T886250

CAS Number: 1637-73-6

Product: Trisodium Isocitric Acid

Synonym: Sodium isocitrate; 3-Carboxy-2,3-dideoxypentanic Acid Trisodium Salt;

Structure:



Molecular Formula:

C₆H₅Na₃O₇

Molecular weight:

258.07

Source of Product:

N/A

Solubility:

Aqueous Acid (Sparingly),
Water (Slightly)

Lot Number: 2022-JPO-048

Purity: 95%

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 Beige Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 25.12, %H: 2.22
HPLC Purity	Report Result	98.89% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+0.4° (c = 0.2, Water)
Sodium Content	Report Result	27.70% by Ion Chromatography

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 ± 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	12/1/2022	11/29/2026