

Certificate of Analysis

Isocitric acid

Cat. No.: HY-113228 CAS No.: 320-77-4 Batch No.: 305772

Chemical Name: Pentaric acid,3-carboxy-2,3-dideoxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_8O_7$ Molecular Weight: 192.12

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥95.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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