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## Product Specification

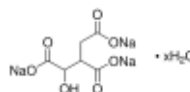
Product Name:  
DL-Isocitric acid trisodium salt hydrate - ≥93%

Product Number: **I1252**

MDL: MFCD00149284

Formula: C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>Na<sub>3</sub> x H<sub>2</sub>O

Formula Weight: 258.07 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
100 mg/mL, H <sub>2</sub> O	
Water (by Karl Fischer)	≤ 20.0 %
Proton NMR spectrum	Conforms to Structure
Sodium (Na) anhydrous	25.0 - 28.3 %
Enzymatic Purity (anhydrous)	≥ 93 %
based on threo DS(+ ) Isocitrate	

Specification: PRD.1.ZQ5.10000047210

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

