

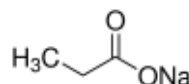
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Product Specification

Product Name:
Sodium propionate - FCC

Product Number: W518905
CAS Number: 137-40-6
MDL: MFCD00002759
Formula: C₃H₅NaO₂
Formula Weight: 96.06 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder, Crystals or Crystalline Powder	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Initial Melting Point	≥ 285 °C
Final Melting Point	≤ 290 °C
Purity (Titration by HClO ₄) (On Dried Basis)	99.0 - 100.5 %
Water (by Karl Fischer)	≤ 1.00 %
Solubility (Turbidity) c = 10%; Water	Clear
Solubility (Color)	Colorless
Alkalinity	Pass
Iron (Fe)	≤ 0.003 %
Lead (Pb)	≤ 2.0 ppm
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Expiration Date Period 5 Years	Confirmed

Specification: PRD.3.ZQ5.10000008165

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. 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.