

3050 Spruce Street, Saint Louis, MO 63103, USA

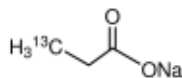
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## Certificate of Analysis

Product Name:

Sodium propionate-3-<sup>13</sup>C - 99 atom % <sup>13</sup>C

**Product Number:** 490679  
**Batch Number:** BGBC5679V  
**Brand:** ALDRICH  
**CAS Number:** 158814-18-7  
**MDL Number:** MFCD00084076  
**Formula:** 13CC2H5NaO2  
**Formula Weight:** 97.05 g/mol  
**Quality Release Date:** 15 APR 2016



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
IC	≥ 99 %	100 %
Proton NMR Spectrum	Conforms	Conforms
Proton NMR (ATOM% 13C)	≥ 99.0 %	99.9 %
Carbon NMR Spectrum	Conforms	Conforms
Water (by Karl Fischer)	≤ 0.5 %	0.4 %

Greg Abernathy, QC Supervisor  
Quality Assurance  
Miamisburg, Ohio US

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.