

Certificate of Analysis

Date of Testing: 2024-01-19 16:29:56
Date of Next Testing: 2026-01-08 16:29:56
Product Name: **Sodium propionate**
CAS Number: 137-40-6
Specifications & Purity: analytical standard
Lot #: H1830022
SKU #: **S100120**
Analysis: **316156**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Water by Karl Fischer | 0-1 (%) | 0.32 % |
| Heavy metal (as Pb) | 0-10 (ppm) | 2.54 ppm |
| Purity(Titration by HClO ₄) | 99.5-100.5 (%) | 99.87 % |
| Iron(Fe) | 0-30 (ppm) | 0.00 ppm |
| Appearance (S100120) | White powder | White powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, 1 g/ml | pass | Pass |



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QA & QC Manager