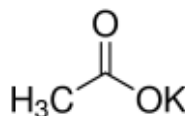


Certificate of Analysis

Product Name:

Potassium acetate – ACS reagent, ≥99.0%

Product Number: 236497
Batch Number: MKCN9164
Brand: SIGALD
CAS Number: 127-08-2
MDL Number: MFCD00012458
Formula: C₂H₃KO₂
Formula Weight: 98.14 g/mol
Quality Release Date: 22 FEB 2021
Recommended Retest Date: JAN 2024



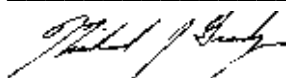
| Test | Specification | Result |
|--|---------------------------|-----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Powder or Crystals | Powder |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Purity (Titration by HClO ₄) | ≥ 99.0 % | 99.1 % |
| Insoluble Matter | ≤ 0.005 % | < 0.003 % |
| Chloride Content | ≤ 0.003 % | < 0.003 % |
| Iron (Fe) | ≤ 5 ppm | < 2 ppm |
| Heavy Metals (by ICP-OES) | ≤ 5 ppm | < 2 ppm |
| Sodium (Na) | ≤ 0.03 % | < 0.02 % |
| Calcium (Ca) | ≤ 0.005 % | < 0.005 % |
| Magnesium (Mg) | ≤ 0.002 % | < 0.002 % |
| pH At 25°C; c = 5%, Water | 6.5 - 9.0 | 8.2 |
| Phosphate (PO ₄) | ≤ 0.001 % | < 0.001 % |
| Sulfate (SO ₄) | ≤ 0.002 % | < 0.002 % |
| Meets ACS Requirements | Current ACS Specification | Conforms |
| Recommended Retest Period 3 Years | ----- | ----- |

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.



Certificate of Analysis

Product Number: 236497
Batch Number: MKCN9164



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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