

Certificate of Analysis

Product Name : Potassium acetate ACS reagent, ≥99.0%
Product Number : 236497-BULK
Batch Number : 0000088630
CAS Number : 127-08-2
Molecular Formula : C₂H₃KO₂
Formula Weight : 98.14
Recommended Retest Date : Feb 2023
Quality Release Date : 18 Mar 2020

| Test | Specification | Result |
|---|---------------------------|-----------|
| Appearance (Color) | White | White |
| Appearance (Form) | Powder or Crystals | Powder |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Titration with HClO ₄ | ≥ 99.0 % | 99.8 % |
| PH of Solution (PH) (At 25Deg, c=5% Water) | 6.5 - 9.0 | 8.7 |
| Insoluble Matter | ≤ 0.005 % | < 0.005 % |
| Chloride Content | ≤ 0.003 % | < 0.003 % |
| Phosphate (PO ₄) | ≤ 0.001 % | < 0.001 % |
| Sulfate (SO ₄) | ≤ 0.002 % | < 0.002 % |
| Heavy Metals (as Lead) | ≤ 5 ppm | < 5 ppm |
| Iron (Fe) | ≤ 5 ppm | < 5 ppm |
| Calcium (Ca) | ≤ 0.005 % | 0.001 % |
| Magnesium (Mg) | ≤ 0.002 % | 0.001 % |
| Sodium (Na) | ≤ 0.03 % | 0.01 % |
| Meets ACS Requirements | Current ACS Specification | Conforms |
| Recommended Retest Period | ----- | ----- |
| 3 Years | | |

Champaka. G

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Analytical

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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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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