

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 14:57:07  
 Date of Next Testing: 2028-09-23 14:57:07  
 Product Name: **Potassium acetate**  
 CAS Number: 127-08-2  
 Specifications & Purity: BP, puriss., Ph.Eur., ≥99%  
 Lot #: I2518402  
 SKU #: **P431673**  
 Version: **2**  
 Analysis #: **582674**  
 Storage Temperature: Room temperature

| Parameter                                                 | Limit Values                                                     | Result                                                           |
|-----------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Sodium(Na)                                                | 0-0.5 (%)                                                        | 0.46300 %                                                        |
| Loss on drying(105°C)                                     | 0-3 (%)                                                          | 0.00000 %                                                        |
| assay(Titration with HClO <sub>4</sub> , anhydrous basis) | 99-100.5 (%)                                                     | 99.47000 %                                                       |
| PH (5%, water) 25 ° C                                     | 7.5-9                                                            | 7.95000                                                          |
| Chloride(Cl)                                              | 0-200 (ppm)                                                      | 31.00000 ppm                                                     |
| Sulfate(SO <sub>4</sub> )                                 | 0-200 (ppm)                                                      | 0.00000 ppm                                                      |
| Iron(Fe)                                                  | 0-20 (ppm)                                                       | 0.00000 ppm                                                      |
| Heavy metal (as Pb)                                       | 0-0.002 (%)                                                      | 0.00000 %                                                        |
| Appearance(P431673)                                       | white or almost white powder or colourless crystals deliquescent | white or almost white powder or colourless crystals deliquescent |
| Identification                                            | pass                                                             | Pass                                                             |
| X-Ray Diffraction                                         | Conforms to Structure                                            | Conforms to Structure                                            |
| Reducing substances                                       | Conforms                                                         | Conforms                                                         |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager