

## Specification Sheet

Product No: P816303  
 Product Name: Potassium carbonate  
 CAS: 584-08-7  
 Formula:  $K_2CO_3$   
 Formula Weight: 138.21  
 Specification: 优级试剂, 99.5%  
 Version: 2025-03-25



| Test                       | Specification                  |         |
|----------------------------|--------------------------------|---------|
|                            | Min.                           | Max.    |
| (AL)ALUMINUM               | 0%                             | 0.0005% |
| (CA)CALCIUM                | 0%                             | 0.001%  |
| (CU))COPPER                | 0%                             | 0.0005% |
| (NA)SODIUM                 | 0%                             | 0.5%    |
| (SO4)SULFATE               | 0%                             | 0.02%   |
| AMMONIUM(NH4)              | 0%                             | 0.05%   |
| CHLORIDE CONTENT           | 0%                             | 0.005%  |
| INSOLUBLE MATTER           | 0%                             | 0.1%    |
| LEAD (PB)                  | 0%                             | 0.001%  |
| IRON(FE)                   | 0%                             | 0.001%  |
| Magnesium (Mg)             | 0%                             | 0.0005% |
| PHOSPHORUS (P)             | 0%                             | 0.0005% |
| Purity By Titration        | 99%                            | 101%    |
| Loss on Drying(105°C, 5 h) |                                | 1.0%    |
| ZINC (ZN)                  | 0%                             | 0.0005% |
| APPEARANCE                 | WHITE TO LIGHT YELLOW POWDER   |         |
| SOLUBILITY                 | CLEAR COLORLESS (1 M IN WATER) |         |
| X-RAY DIFFRACTION          | Conforms to Structure          |         |