

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

|                          |                              |
|--------------------------|------------------------------|
| Product Name:            | <b>Potassium D-gluconate</b> |
| Specifications & Purity: | ≥99%                         |
| SKU #                    | <b>P108903</b>               |

| Parameter                                                                       | Limit Values                                 |
|---------------------------------------------------------------------------------|----------------------------------------------|
| Purity(Titration by HClO <sub>4</sub> )(calc. to the dried substance)           | 99-100 (%)                                   |
| Loss on drying(105°C, 4 hrs) (Vacuum)                                           | 0-3 (%)                                      |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)                 | 10.5-15 (°)                                  |
| Heavy metal (as Pb)                                                             | 0-20 (ppm)                                   |
| Appearance (P108903)                                                            | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum                                                               | Conforms to Structure                        |
| Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O | pass                                         |