

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **D-(+)-Gluconic acid  $\delta$ -lactone**  
Specifications & Purity: **99%**  
SKU #: **G106879**

Parameter	Limit Values
Heavy metal (as Pb)	0-20 (ppm)
Melting point	151-158 (°C)
Reducing Substances	0-0.5 (%)
Pb measure	0-10 (ppm)
Purity(HPLC)	99-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	60-67 (°)
Ash	0-0.1 (%)
Purity(Titration by HCl)	98.5-101.5 (%)
Appearance (G106879)	White to Off-White Powder or Crystals
Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow ,Clear,100 mg/mL	pass
Proton NMR spectrum	Conforms to structure