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## Specification Sheet

Product Name: **D-(+)-Glucose monohydrate**  
Specifications & Purity: **98%**  
SKU #: **G107849**

Parameter	Limit Values
Heavy metals	0-5 (ppm)
Purity(HPLC) (sum of enantiomers)	98-100 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.025 (%)
(As)Arsenic	0-1 (ppm)
Ignition Residue(Ash)	0-0.1 (%)
Loss on drying	7.5-9.5 (%)
Chloride (Cl <sup>-</sup> )	0-0.018 (%)
Appearance (G107849)	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless , 1 mg/ml in water	pass
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)(dry basis)	52.6-53.2 (°)

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Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

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