

## Specification Sheet

Product Name: **D-(+)-Glucose**  
Specifications & Purity: **ACS**  
SKU #: **G116303**

Parameter	Limit Values
Chloride	0-0.01 (%)
Ignition Residue	0-0.02 (%)
Loss on drying(105°C)	0-0.2 (%)
Titration Acid	0-0.002 (mg/g)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)
Iron(Fe)	0-5 (ppm)
Specific Rotation [α] <sub>20</sub> /D(c=10 in 0.2% NH <sub>4</sub> OH)	52.5-53 (°)
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)
Heavy metal (as Pb)	0-5 (ppm)
Appearance (G116303)	white powder
starch	none blue
Infrared spectrum	Conforms to Structure