

## Specification Sheet

Product Name: **D-(+)-Glucose , anhydrous**  
Specifications & Purity: biotechnology Grade  
SKU # **D274366**

Parameter	Limit Values
Purity(HPLC)	99.5-100 (%)
(As)Arsenic	0-0.00004 (%)
Chloride Content	0-0.01 (%)
Heavy metals(as Pb)	0-0.0005 (%)
Insoluble matter	0-0.005 (%)
Iron(Fe)	0-0.0005 (%)
Loss on drying	0-0.2 (%)
Ignition Residue	0-0.02 (%)
Specific Rotation $[\alpha]_{20}^D(c=10 \text{ in H}_2\text{O}:\text{NH}_3(2+3) = 99.2:0.8)$	52.5-54.0 (°)
DNases	none detected
RNases	none detected
Infrared spectrum	Conforms to Structure
proteases	none detected
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)