

Specification Sheet

Product Name	D-Ribose		
Packing	25Kg/Drum	Shelf Life:	24Months

Analysis	Specification
Appearance:	white to off-white powder
Identification	Positive
Assay(on dry basis):	97.0 – 102.0%
Specific rotation $[\alpha]_D^{20}$:	-18.0 °--- -22.0 °
Impurities	<1.0%
Loss on drying:	0.5% max
Residue on ignition:	0.20% max
State of solution:	95.0% min
Heavy metals:	10 mg/kg max
Arsenic(As):	0.1 mg/kg max
Other saccharide:	Not detectable(Chromatographically)
Lead(Pb)	2mg/kg max
Aerobic plate Count	<100 cfu/g
Yest &Mold	100cfu/g max
Coliforms	10cfu/g max
Pathogenic Bacteria(Salmonella,E.Coli,Staphylococcus Aureus)	Negative
Residual Solvents	Negative
Cd	0.3 mg/kg max
Hg	0.1 mg/kg max
Mesh size	100% pass 20mesh
Tapped Density	0.7g/ml min
Conclusion:	Meets the AJI92 Standard