

Product Name: D-Ribose Powder		
CAS number: 50-69-1	EC number: 200-059-4	
Molecular formula: C5H10O5	Molecular weight: 150.13 g/mol	
Standard: AJI97	Specification ref.: R0_V0	
Preparation type: Fermentation	Starting materials: Proprietary Fermentation media	
Extraction solvent: Not applicable	Other solvents used in manufacturing: None	
Suitable for Vegetarians: Yes	Suitable for Vegans: Yes	
Compound Ingredients [descending order]: None	Principle ref.: BPM106 [Country of Origin: China]	
Batch number: 20180822	Manufacturing Date: 25-08-2018	
Expiry Date: 24-08-2020		
Analysis	Specification	Result
Appearance	White to almost white crystals or crystalline powder	Conforms
State of Solution (Transmittance)	Colourless, Not less than 95%	Conforms
Specific rotation	-18.0° to -22.0°	-20.1°
Assay [HPLC]	97.0% to 102.0%	98.6%
Other Saccharides (TLC)	Negative	Conforms
Loss on drying	NMT 3.0%	0.06%
Residue on ignition (Sulphated)	NMT 0.2%	0.05%
Heavy Metals (Pb)	NMT 10 ppm	Conforms
Lead (Pb)	NMT 3 ppm	Conforms
Arsenic (As)	NMT 2 ppm	<0.5 ppm
Cadmium (Cd)	NMT 1 ppm	Conforms
Mercury (Hg)	NMT 0.1 ppm	Conforms
Total plate count	NMT 1,000 CFU/ g	Conforms
Yeast & mould	NMT 100 CFU/ g	Conforms
E. Coli	Negative/ g	Conforms
Salmonella	Negative/ 25 g	Conforms
Staphylococcus aureus	Negative/ 10 g	Conforms

Conclusion: This product conform to the specification and standards mentioned above.

Storage conditions: Store at room temperature, away from heat, light and moisture.

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