

Career Henan Chemical Co.

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Certificate of Analysis

Product	D-(+)-CHIRO-INOSITOL	Manufacture Date	2017-07-09
Batch No.	C1707001	Certificate Date	2017-07-10
Quantity	375kg	Retest Date	2019-07-08
Specification	Enterprise standard	CAS No.	643-12-9

Items	Analysis Standard	Analysis Results
Appearance	White or off white crystals or crystalline powder	Off white crystalline powder
Solubility	Soluble in water	Complies
Loss on drying(%)	≤0.5	0.01
Ash(%)	≤0.1	0.03
Heavy Metals(ppm)	≤10	<10
Total impurities (HPLC-ELSD, %)	≤1.0	0.48
Optical activity $[\alpha]^{20}_{\text{D}}$	+63-67°, c=1.0 in H ₂ O	+65.4°
Melting point(°C)	230	Complies
Assay (HPLC-ELSD, %)	≥99.0	99.8
Other Sugars (HPLC-ELSD, %)	≤1.0	0
Conclusion	The product complies to above standard.	

Analyst: SUN

Rechecker: LI

