

Hubei Heilongjiang Biotechnology Co.,Ltd

Certificate of Analysis

Product Name: Inositol

Batch Number: HBJK4695

Batch Size: 9000 Kg

Packaging Size: 25 Kg

CAS Number: 6917-35-7

Manufacturing Date: 2023/06/08

Expiry Date: 2026/06/07

Sample Date: 2023/06/09

Analysis Date: 2023/06/09

Sample Quantity: 100 grams

Item	Specification	Result	Test Method
Description	White or off white colour powder or crystals	Confirms	Organoleptic
Identification	In accordance with standard retention time	Confirms	HPLC
Loss on drying (%)	Not more than 0.5	0.19	ChP2015
Residue on ignition (%)	Not more than 0.5	0.11	ChP2015
Heavy Metal (ppm)	Not more than 10	Less than 10	ChP2015
Impurity content (1) (%)	Unknown single impurity ≤ 0.5	0.29	ChP2015
Impurity content (2) (%)	Unknown single impurity ≥ 0.5	0.23	ChP2015
Lead (ppm)	Not more than 1	Not Detected	GB 5009.12-2017 I
Total mercury (ppm)	Not more than 1	Not Detected	GB 5009.17-2014 I
Cadmium (ppm)	Not more than 1	Not Detected	GB 5009.15-2014
Assay (%)	Not less than 98.0	99.0	HPLC
Total plate cont (cfu/g)	Not more than 1000	Less than 1000	ChP2015
Yeast and Mould (cfu/g)	Not more than 1000	Less than 100	ChP2015
E.coli	Absence 10g	Conforms	ChP2015
Salmonella	Absence 10g	Conforms	ChP2015

Conclusion: The Product passed the tests according to the USP standards.

QA Manager: *Jing Wang* Checker: *Xiang Huang* Examiner: *Xiu Zhang*