



诸城市浩天药业有限公司

ZHUCHENG HAOTIAN PHARM CO., LTD.
Xinxing, Zhucheng, Shandong, 262218, China
Tel: +86 536 6520118 Fax: +86 536 6523666
Email: info@howtiangroup.com
Web: www.howtiangroup.com

INOSITOL
CERTIFICATE OF ANALYSIS

Batch No. 202405609 Packing 25 kg net per drum
Report Date September 07, 2024 Net Weight 3000kg
Standard Food Chemicals Codex Twelfth Edition (FCC 12)

RESULTS OF INSPECTION:

Item	Specification	Result
Description	Inositol occurs as fine, white crystals or as white, crystalline powder. Its solutions are neutral to litmus. It is optically inactive. It is stable in air. One g is soluble in 6 mL of water. It is practically insoluble in alcohol, and is insoluble in ether and in chloroform.	Conform
Identification (A. B)	Positive Reaction	Conforms
Assay, on the dried basis(%)	≥ 97.0	99.4
Calcium	Passes test	Passed test
Chloride(%)	≤ 0.005	< 0.005
Sulfate(%)	≤ 0.006	< 0.006
Lead(ppm)	≤ 4	Not detected
Loss on drying(%)	≤ 0.5	0.02
Melting range(°C)	224.0 ~ 227.0	225.0 ~ 226.0
Residue on Ignition(%)	≤ 0.1	0.03
Aerobic Plate Count(CFU/g)	≤ 1000	< 10
Molds and Yeasts(CFU/g)	≤ 100	< 10
Escherichia. Coli(MPN/g)	< 3.0	< 3.0
Salmonella	Negative/25g	Negative
Manufacturing Date	May 26,2024	
Expiry Date	May 25,2028	
Conclusion	The goods are complied with FCC12	

Analysers:

Checker:

Chief Inspector: