

**HAIHANG INDUSTRY CO., LTD.**7/F, SANQING FENGRUN BUILDING, NO. 100 SOUTH GONGYE ROAD,
JINAN CITY, SHANDONG PROVINCE, CHINA. P.C.: 250100

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CERTIFICATE OF ANALYSIS

Product Name:	Inositol		
CAS No.:	87-89-8	Quantity	1Ton
Rep Date	Oct.20.2015	Batch NO.	20151020
MFG. Date	Oct.20.2015	Expiry Date	Oct.19.2015

Item	Specifications	Results
Appearance	It is odorless white crystalline powder which is readily soluble in water. It tastes sweet.	It is odorless white crystalline powder which is readily soluble in water. It tastes sweet.
Identification	Meets Specifications	Meets Specifications
Clarity and color of solution	Meets Specifications	Meets Specifications
Assay	97.0%~102.0%	99.41%
Loss on drying	≤0.5%	0.11%
Residue on Ignition	≤0.1%	0.01%
Conductivity	≤20μ s cm-1	11.06μ s cm-1
Chloride	≤0.005%	<0.005%
Sulfate	≤0.006%	<0.006%
Calcium	Meets Specifications	Meets Specifications
Barium	Meets Specifications	Meets Specifications
Iron	≤0.0005%	<0.0005%
Heavy Metals(Pb)	≤0.0010%	<0.0010%
Total impurities	≤1.0%	Not detected
Individual impurities	≤0.3%	Not detected



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Lead	$\leq 0.5\text{mg/kg}$	$< 0.5\text{mg/kg}$
Arsenic	$\leq 3\text{mg/kg}$	$< 1\text{mg/kg}$
Mercury	$\leq 0.1\text{mg/kg}$	$< 0.1\text{mg/kg}$
Cd	$\leq 0.005\text{mg/kg}$	$< 0.005\text{mg/kg}$
Total plate count	$\leq 1000\text{cfu/g}$	$< 100\text{cfu/g}$
Mould and yeast	$\leq 100\text{cfu/g}$	$< 10\text{cfu/g}$
Colon bacillus	Absent	Absent
Salmonella	Absent	Absent
Conclusion	The results conforms with the standards for NF32	

Analyst:Li Ya

Checker:Wei Chen

Q.C.Director:Xu Leilei