

# ROCHEM INTERNATIONAL, INC.

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## PRODUCT SPECIFICATION

### INOSITOL

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### FCC/USP

Version No: 700046-000

<b>Product Name:</b>	Inositol FCC
<b>Batch Number:</b>	XXXXXXXXXXXXX
<b>Batch Size:</b>	XXXXXXX
<b>Manufactured Date:</b>	XXXXXXX
<b>Expiry/Expiration/Retest Date:</b>	XXXXXXX
<b>CAS No.:</b>	87-89-8
<b>ITEMS</b>	<b>SPECIFICATIONS</b>
<b>Appearance:</b>	White crystalline powder
<b>Taste:</b>	Sweet taste
<b>Identification (A):</b>	Positive Reaction
<b>Identification (B):</b>	212 ~ 216°C
<b>Loss on Drying:</b>	NMT 0.5%
<b>Residue on Ignition:</b>	NMT 0.1%
<b>Clarity of Solution:</b>	Meets requirements
<b>Color of Solution:</b>	Meets requirements
<b>Water (Karl Fischer):</b>	NMT 0.5%
<b>Chloride:</b>	NMT 0.005%
<b>Calcium:</b>	Meets requirements
<b>Barium:</b>	Meets requirements
<b>Heavy Metals:</b>	NMT 5ppm
<b>Lead (Pb):</b>	NMT 0.5ppm
<b>Arsenic (As):</b>	NMT 0.5ppm
<b>Mercury (Hg):</b>	NMT 0.1ppm
<b>Cadmium (Cd):</b>	NMT 1.0ppm
<b>Iron (Fe):</b>	NMT 5ppm
<b>Sulfate:</b>	NMT 0.006%
<b>Organic Impurities:</b>	
<b>Single Individual Impurity:</b>	NMT 0.3%
<b>Total Impurities:</b>	NMT 1.0%
<b>Melting Point:</b>	224 ~ 227°C
<b>Conductivity:</b>	≤ 20μS/cm
<b>Total Plate Count:</b>	<1000 cfu/g
<b>Yeast &amp; Mold:</b>	<100 cfu/g
<b>E. Coli:</b>	Negative
<b>Coliforms:</b>	<10 cfu/g
<b>Salmonella:</b>	Negative
<b>Assay (dried Basis):</b>	97 ~ 102%
<b>Particle Size:</b>	NLT 80% Through a USS#40
<b>Bulk Density:</b>	NLT 0.35g/mL
<b>Exp Date:</b>	2 Years

Rev .04

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