



## AnMar International Ltd.

540 Barnum Avenue  
PO Box 2343  
Bridgeport, CT 06608

Tel: 203-336-8330

Fax: 203-336-5508

[www.anmarinternational.com](http://www.anmarinternational.com)

### SPECIFICATION SHEET

#### Inositol

Item Code: 017

Country of Origin: China

Updated: July 2012

**Description:** It occurs as fine, white crystals or as a white crystalline powder. It is odorless, has a sweet taste, and is stable in air. Its solutions are neutral to litmus. It is optically inactive, and does not contain any irradiated materials.

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Identification	IR, HPLC	NF30
Clarity of Solution	To meet requirements	NF30
Color of Solution	To meet requirements	NF30
Conductivity	$\leq 20 \mu S.cm^{-1}$	NF30
Barium	To pass test	NF30
Water	$\leq 0.5\%$	USP<921>
Assay (on dry basis)	97.0% – 102.0%	NF30
Heavy Metals- Lead	$\leq 0.5 ppm$	USP<251>
Related Compounds- Individual Impurities	$\leq 0.3\%$	NF30
Total Impurities	$\leq 1.0\%$	NF30
Microbiology:		
Total aerobic plate count	$\leq 1,000 cfu/g$	USP <2021>
Yeast & Mold	$\leq 100 cfu/g$	USP <2021>
Colon bacillus	Absent	USP <2022>
Salmonella	Negative	USP <2022>
Conclusion:	Conforms to NF30/USP35 standards	
Shelf Life:	4 years	
Packing:	In drums of 25 kgs	

- Kosher certified



Gayathri Vasudevan

Manager, Quality Assurance & Regulatory