



**BIMAL PHARMA PVT. LTD., MUMBAI, INDIA**  
(ISO 9001 : 2015 & AEO T1 Certified Co.)

## TYPICAL CERTIFICATE OF ANALYSIS

Name of the Product : **INOSITOL (FOOD GRADE)**  
CAS No. : **87-89-8**  
Shelf Life : **3 Years**

SR. No.	TEST	SPECIFICATION (As per FCC XI)	OBSERVATION
1.	Description	White Crystalline Powder	White Crystalline Powder
2.	Taste	Sweet Taste	Conform
3.	Identification (A + B+ C + D)	Positive Reaction	Positive Reaction
4.	Melting Range	224.0°C – 227.0°C	224.6°C – 225.8°C
5.	Loss on Drying	0.5% Max.	0.11%
6.	Residue on Ignition	0.1% Max.	0.01%
7.	Assay	97.0% Min.	99.52%
8.	Organic Impurities / Total Impurities	≤1.0%	<1.0%
9.	Organic Impurities / Single Impurity	≤0.3%	<0.3%
10.	Chloride	0.005% Max.	<0.005% (50 ppm)
11.	Sulfate	0.006% Max.	<0.006% (60 ppm)
12.	Calcium	Should meet the requirement	Meets the requirement
13.	Arsenic	≤0.5 ppm	<0.5 ppm
14.	Heavy Metals	≤5.0 ppm	<5.0 ppm
15.	Lead	≤0.5 ppm	<0.5 ppm
16.	Barium	≤0.5 ppm	<0.5 ppm
17.	Iron	≤5.0 ppm	<5.0 ppm
18.	Total Plate Count	≤1000 cfu/gms	25 cfu/gms
19.	Yeast & Mold	≤100 cfu/gms	10 cfu/gms
20.	Total Coliforms	Negative	Negative
21.	Staphylococcus	Negative	Negative
22.	E.Coli	Negative	Negative
23.	Salmonella	Negative	Negative
24.	Tapped Density	0.75-0.90 gms/ml	0.83 gms/ml
<b>Particle Size</b>		<b>100% passing through 30 mesh</b>	

**Conclusion :** The above mentioned Product complies as per the standards of FCC XI.