

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : INOSITOL FCC VIII
MSDS no. BPPL 058	SPECIFICATION NO. FP-058

1. **NOMENCLATURE** : Hexahydroxy Cyclohexane.
: Cyclohexanehexol.
: Meso – Inositol.
: Myo – Inositol.

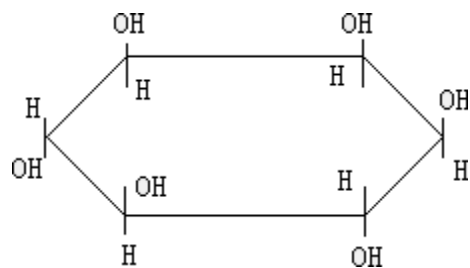
2. **CAS NO.** : 87-89-8 / 6917-35-7

3. **HS CODE NO. (ITC CODE)** : 29062990

4. **EMPIRICAL FORMULA** : $C_6H_{12}O_6$

5. **MOL. WT.** : 180.16

6. **STRUCTURAL FORMULA** :



7. **DESCRIPTION** : White Crystalline Powder, readily Soluble in Water.

8. **THERAPEUTIC USE** : As Dietary supplement.
: Used in food and beverage, as Flavor .
: Also used in Cosmetic Industries.
: As a feed and food additive, it is widely used in fish and shrimp feed and drinks.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
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1. **DESCRIPTION** : White Crystalline Powder.
: Free Flowing, with sweet taste.
2. **SOLUBILITY** : Readily Soluble in Water.
3. **IDENTIFICATION** : Complies as per FCC VIII
(A +B+C+D)
4. **MELTING POINT** : 224°C to 227°C
5. **LOSS ON DRYING** : 0.5% Max.
6. **CLARITY & COLOUR OF
SOLUTION
(APPEARANCE OF SOLUTION)** : 5% Solution in Water is Clear and
colourless.
7. **HEAVY METALS (AS Pb)** : ≤ 5 ppm
8. **CHLORIDE** : 0.005% Max.
9. **SULPHATE** : 0.006% Max.
10. **CALCIUM** : Negative
11. **IRON** : 0.0005% Max. (≤ 5 ppm)
12. **LEAD** : ≤ 0.5 ppm
13. **RESIDUE ON IGNITION** : 0.1% Max.
(Sulphated Ash)

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14. MICROBIAL LIMIT TEST :

Total viable Aerobic count : Max. 1000 cfu/gm.
Mould and yeast : Max. 100 cfu/gm.
Colon Bacillus : Absent in 1 gm.
E. Coli : Absent in 10 gms.
Salmonella : Absent in 50 gms.

15. ASSAY : 98.0% Min.
(Generally, it is more than 99%).

16. PACKING : 25 Kgs. Fibre drum, with double PE liners.