

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

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

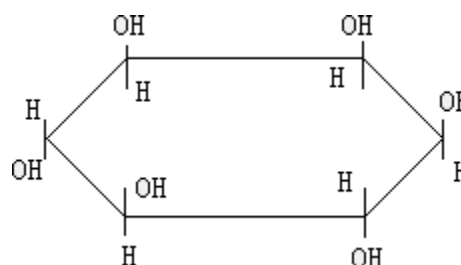
2. CAS NO. : 87-89-8 / 6917-35-7

3. HS CODE NO. (ITC CODE) : 29061320

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.
: As pharmaceutical. (For Calcium & Insulin Metabolism).
: 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.

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

- 1. DESCRIPTION** : White Crystalline Powder.
: Free Flowing, with sweet taste.
- 2. SOLUBILITY** : Readily Soluble in Water.
- 3. IDENTIFICATION** : Complies as per FCC IV
(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)** : 0.001% Max.
- 8. CHLORIDE** : 0.005% Max.
- 9. SULPHATE** : 0.006% Max.
- 10. CALCIUM** : Negative
- 11. IRON** : 0.0005% Max.
- 12. LEAD** : 0.001% Max.
- 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 : 97.0% Min.
(Generally, it is more than 99%).

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