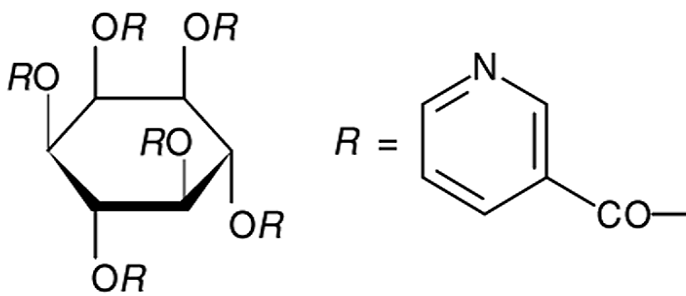


<b>M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)</b>	<b>FINISHED PRODUCT INFORMATIONS</b>
QUALITY CONTROL AND ASSURANCE	PRODUCT : INOSITOL NICOTINATE
MSDS no. BPPL 060	SPECIFICATION NO. FP-060

- 1. NOMENCLATURE** : Inositol Hexanicotinate, Powder. (IHN)  
: Myo-Inositol Hexa – 3 – Pyridinecarboxylate.  
: Myo-Inositol Hexanicotinate.  
: Inositol Nicotinate.  
: Inositol Hexanicotinate.
- 2. CAS NO.** : 6556-11-2
- 3. HS CODE** : 29333990
- 4. EMPIRICAL FORMULA** :  $C_{42}H_{30}N_6O_{12}$
- 5. MOL. WT.** : 810.73
- 6. STRUCTURAL FORMULA** :
- 

The structural formula shows a central inositol ring with six OR groups attached at the 1, 2, 3, 4, 5, and 6 positions. To the right, the R group is defined as a pyridine ring with a carbonyl group (CO-) attached at the 3-position.
- 7. DESCRIPTION** : White crystalline powder.  
(Characteristic Odor)
- 7. THERAPEUTIC USE** : In Clinic, it is used as adjuvant to treat Hyperlipemia, Coronary heart disease and various atherosclerotic vessel disorders (such as Arteriosclerosis obliterans, Arterio-artery convulsion, Frostbite and Vascular hemiparesis. etc.)  
: Health care and nutritional supplements.

<b>M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)</b>	<b>FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS</b>
QUALITY CONTROL AND ASSURANCE	PRODUCT : INOSITOL NICOTINATE BP / FCC V
MSDS no. BPPL 060	SPECIFICATION NO. FP-060

- 1. DESCRIPTION** : White crystalline powder.  
(Characteristic Odor)
- 2. SOLUBILITY** : Practically Insoluble in water.  
: Sparingly soluble in Chloroform.  
: Practically Insoluble in Acetone and in Ethanol.  
: It dissolves in dilute Mineral Acids.
- 3. IDENTIFICATION** : By IR
- 4. LOSS ON DRYING** : Not more than 0.5%
- 5. CLARITY & COLOUR OF SOLUTION  
(APPEARANCE OF SOLUTION)** : 5.0% w/v Solution in 0.5 Sulphuric acid is Clear, and not more intensely coloured than Reference solution BY6.
- 6. HEAVY METALS** : Less than 10 ppm.
- 7. CHLORIDE** : Less than 350 ppm. (0.035%)
- 8. RESIDUE ON IGNITION  
(Sulphated Ash)** : Not more than 0.1%
- 9. ARSENIC** : Less than 2 ppm.
- 10. RELATIVE SUBSTANCES** : Confirms as per BP.
- 11. FREE NICOTINIC ACID** : Max. 0.8 ml/gm of 0.02 M Sodium Hydroxide is required for first Pink Colour.

<b>M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)</b>	<b>FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS</b>
QUALITY CONTROL AND ASSURANCE	PRODUCT : INOSITOL NICOTINATE BP / FCC V
MSDS no. BPPL 060	SPECIFICATION NO. FP-060

- 12. ORGANIC VOLATILE IMPURITIES (OVI)** : As per U.S.P. (NIL)
- 13. ACETONE CONTENT** : Confirms to BP standards.
- 14. MICROBIAL LIMIT TEST** :
- Total viable Aerobic count : Max. 1000 cfu/gm.
  - Mould and yeast : Max. 100 cfu/gm.
  - Staphylococcus Aureus : Negative
  - E. Coli : Absent in 10 gms.
  - Salmonella : Absent in 50 gms.
- 15. ASSAY (Purity)** : 98.0% to 100.1%
- 16. PACKING** : 20 Kgs. / 25 Kgs., HDPE / Fibre Drums with double PE Liners.