

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE
MSDS no. BPPL 137 (Available on Request)	SPECIFICATION NO. FP-137 (Enclosed)

1. **NOMENCLATURE** : Titanium dioxide
: Titanium(IV) oxide
: Titanium white
: Titania
: Pigment White 6,
2. **CAS NO.** : 13463-67-7
3. **HSN CODE** : 32061110
4. **EMPIRICAL FORMULA** : TiO_2
5. **MOL. WT.** : 79.87
6. **MELTING POINT** : 1843 °C
7. **STRUCTURAL FORMULA** : $O=Ti=O$
8. **DESCRIPTION** : White, Amorphous Powder.
: Odorless Powder.
9. **APPLICATION IN** : **Food Stuffs** :Colorant for Sugar product, Candy , Icings, Chewing gum , Coffee.
: Used in Low & No-fat products such as coffee creamers , Salad dressings, Cheese, Confections & Baked Foods.
: **Cosmetics:** For high Quality Eye and Face make-ups, Lip sticks, Nail Lacquers, Toothpastes etc .
: **Other application:** Cigarettes and Cigars-Filter wrappings, Tips and Filter Tipping papers, Pet-Foods.

M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)	FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE (FCC GRADE, E 171) (US FDA : 21CFR: 73.575)
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1. **DESCRIPTION** : White, Amorphous Powder.
: Odorless Powder.
2. **SOLUBILITY** : Insoluble in Water.
3. **IDENTIFICATION** : Orange – Red color with H₂O₂
4. **PH**
(50% Water Suspension) : 6.0 to 8.0
5. **LEAD** : NMT 10 mg / kg. (10 ppm Max)
6. **ARSENIC (AS As)** : NMT 1 mg / kg. (1 ppm Max)
7. **ANTIMONY** : NMT 2 mg/kg. (2 ppm Max)
8. **MERCURY** : NMT 1 mg / kg. (1 ppm Max)
9. **CADMIUM** : NMT 1 mg / kg. (1 ppm Max)
10. **LOSS ON DRYING**
(105 °C, 3 hrs) : NMT 0.50%

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- 11. LOSS ON IGNITION (800°C) : NMT 0.50%**
- 12. WATER SOLUBLE SUBSTANCES : NMT 0.50%**
- 13. ACID SOLUBLE SUBSTANCES : NMT 0.50%**
- 14. ASSAY : 99.0 % to 100.5%**
- 15. PACKING : 25 Kgs. PP Bags with single LDPE Liners.**
- : 25 kgs. Fibre Drum with PE Liner inside.**