

<b>M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)</b>	<b>FINISHED PRODUCT INFORMATIONS</b>
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. **EMPIRICAL FORMULA** : TiO<sub>2</sub>
4. **MOL. WT.** : 79.87
5. **MELTING POINT** : 1843 °C
6. **STRUCTURAL FORMULA** :  $O=Ti=O$
7. **DESCRIPTION** : White, Amorphous Powder.  
: Odorless Powder.
8. **APPLICATION IN FOOD STUFFS** : Colorant for Sugar product, Candy ,  
Icings, Chewing gum , Coffee  
whitener, Toothpastes.  
: Used in Low & No-fat products such as  
coffee creamers , Salad dressings,  
Cheese, Confections & Baked Foods.

<b>M/S. BIMAL PHARMA PVT. LTD . MUMBAI (INDIA)</b>	<b>FINISHED PRODUCT PHARMACOPOEIAL SPECIFICATIONS</b>
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE (FCC GRADE, E 171) (US FDA : 21CFR:73.575)
MSDS no. BPPL 137 (Available on Request)	SPECIFICATION NO. FP-137

- 1. DESCRIPTION** : White, Amorphous Powder.  
: Odorless Powder.
- 2. SOLUBILITY** : Insoluble in Water.
- 3. IDENTIFICATION** : Orange – Red color with H<sub>2</sub>O<sub>2</sub>
- 4. LEAD** : NMT 10 mg / kg. (10 ppm Max)
- 5. ARSENIC (AS As)** : NMT 1 mg / kg. (1 ppm Max)
- 6. ANTIMONY** : NMT 2 mg/kg. (2 ppm Max)
- 7. MERCURY** : NMT 1 mg / kg. (1 ppm Max)
- 8. ZINC** : NMT 50 mg/ kg. (50 ppm Max)
- 9. CADMIUM** : NMT 1 mg / kg. (1 ppm Max)
- 10. LOSS ON DRYING  
(105°C, 3 hrs)** : NMT 0.50%
- 11. LOSS ON IGNITION  
(800°C)** : NMT 0.50%

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- 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. Multiwall paper Bags.  
with single LDPE Liners.