



M/s. Bimal Pharma Pvt. Ltd., Mumbai, India

(ISO 9001 : 2015 & AEO T1 Certified Co.)

M/s. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT INFORMATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE, E-171
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 and 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.

Website : www.titaniumdioxidepharmaindia.com

M/s. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT SPECIFICATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE (E- 171/ FCC VIII) (US FDA : 21CFR:73.575)
MSDS No.: BPPL 137 (Available on Request)	SPECIFICATION No.: FP-137 (Enclosed)

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)** : 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%
11. **LOSS ON IGNITION**
(800 °C) : NMT 0.50%
12. **WATER SOLUBLE
SUBSTANCES** : NMT 0.50%

M/s. Bimal Pharma Pvt. Ltd.

Website : www.titaniumdioxidepharmaindia.com

M/s. BIMAL PHARMA PVT. LTD. MUMBAI (INDIA)	FINISHED PRODUCT SPECIFICATION
QUALITY CONTROL AND ASSURANCE	PRODUCT : TITANIUM DIOXIDE (E- 171/ FCC VIII) (US FDA : 21CFR:73.575)
MSDS No.: BPPL 137 (Available on Request)	SPECIFICATION No.: FP-137 (Enclosed)

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
16. **SHELF LIFE** : 5 Years