



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, CI 77891 (Cosmetic Grade)
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 / 28230000
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** : **Skin Care & Personal Care Products** :
Sunscreen, Lotion, Soap, Shampoo &
Deodorant.
: **Cosmetics** : For high Quality Eye and
Face make-ups, Lip sticks, Nail Lacquers,
Toothpastes etc.
10. **SHELF LIFE** : 5 Years

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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)** : 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 1.00%
12. **WATER SOLUBLE
SUBSTANCES** : NMT 0.50%

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www.titaniumdioxidepharmaindia.com

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- 13. ACID SOLUBLE SUBSTANCES** : NMT 0.50%
- 14. AL₂O₃ AND / OR SiO₂** : NMT 2.0%
- 15. WHITENESS** : 98.0% Min.
- 16. ASSAY** : 99.0% to 100.5%
- 17. MICROBIOLOGY TEST** :
- TOTAL AEROBIC COUNT : 100 cfu/gms. Max.
 - YEASTS & MOULDS : 100 cfu/gms. Max.
 - ENTEROBACTERIACEAE : Not Detected
 - E.COLI : Not Detected
 - SALMONELLA : Not Detected
 - P.AERUGINOSA : Not Detected
 - S.AUREUS : Not Detected
 - CLOSTRIDIA : Not Detected
- 18. PACKING** :
- : 25 Kgs. PP Bags with single LDPE Liners
 - : 25 kgs. Fibre Drum with PE Liner inside