



Bimal Pharma Pvt. Ltd.

FSSAI LICENSE No.: 10012022000599 | GSTIN No.: 27AABCB9186E1ZJ
DRUG LIC. No.: 256768 & 256769 | ISO No.: 110661/A/0001/UK/En
CIN No.: U51397MH2002PTC137273 | AEO T1 No.: INAABCB9186E1F220



Pharma Compendium Excipients
“Better than The Best Quality”

First Time in India

Approved for use in Food, Pharma & Cosmetic Industries



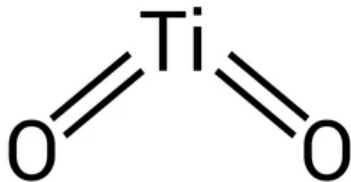
Titanium Dioxide



Cosmetic Colorant CI 77891 (INCI)
Pigment White 6 (PW 6)
EU, E-171 (European Union)



TiO₂ (Purity >99.20%)



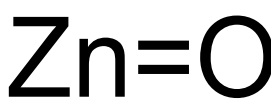
Zinc Oxide



Cosmetic Colorant CI 77947 (INCI)
Pigment White 4 (PW 4)



ZnO (Purity >99.90%)



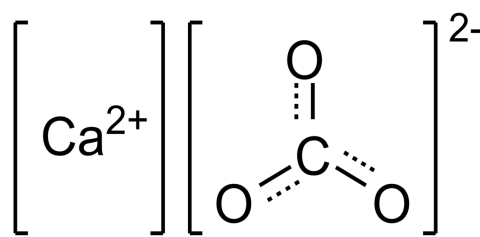
Calcium Carbonate



Cosmetic Colorant CI 77220 (INCI)
Pigment White 18 (PW 18)
EU, E-170 (European Union)



CaCO₃ (Purity >99.50%)



PURITY STANDARDS : World Pharmacopoeias (IP / BP / EP / USP / JP)

It meets the chemical Purity specifications of all the Pharmacopoeias and the EC (European Community) and US Federal and Indian BIS requirements for pigments in the Food and Cosmetic sector.

Regulation	TiO ₂	ZnO	CaCO ₃
Commission Directive 95/45/EC	E-171 (for use in Food Stuff)	-	E-170 (for use in Food Stuff)
FDA Regulation 21 CFR	73.1575 (Pharma) 73.575 (Food) 73.2575 (Cosmetic)	73.1991 182.8991 347.10 / 352.50 582.5991 GRAS (US)	73.1070 (Pharma) 73.70 (Food) 184.1409 GRAS (US)
Indian FSSAI Rules	Matching to BIS Spec.	Matching to BIS Spec.	Matching to BIS Spec.
World Pharmacopoeias	IP / BP / EP / USP / JP	IP / BP / EP / USP / JP	IP / BP / EP / USP / JP
Food Chemical Codex (FCC)	FCC X	FCC XII	NF26 / FCC XII



Health Certificate
by EIC, Govt. of India



COO by IMC



FEDERATION OF INDIAN
EXPORT ORGANISATIONS
Set up by Ministry of Commerce, Government of India
ISO 9001:2015 Certified

Free Sale Certificate by FIEO



UDYAM-MH-18-0061131

Purity Requirements for Direct Addition to Medicines & Human Foods

Titanium Dioxide : A Versatile, Yet Unique Product for Unique Industries (Shelf Life : 5 Years)

Sr. No.	Particulars	E-171	FDA 21 CFR	BP/EP	USP	IP	OUR QUALITY
1.	Characters	White Powder	White Powder	White Powder	White Powder	White Powder	White Powder
2.	Appearance of the solution	-	-	As per BP/EP	-	As per IP	Complies
3.	Acidity or Alkalinity	-	-	As per BP/EP	-	As per IP	Complies
4.	TiO ₂ Content [%]	Min. 99.00	Min. 99.00	Min. 99.00	Min. 99.00	Min. 99.00	>99.20
5.	Loss on Drying [%]	Max. 0.50	-	-	Max. 0.50	-	<0.20
6.	Loss on Ignition [%]	Max. 0.50	Max. 0.50	-	Max. 0.50	-	<0.30
7.	Al ₂ O ₃ and/or SiO ₂ [%]	Max. 2.00	Max. 2.00	Max. 0.50	Max. 0.50	Max. 0.50	<0.02
8.	Acid Soluble Salts [%]	Max. 0.50	Max. 0.50	Max. 0.50	Max. 0.50	-	<0.35
9.	Water Soluble Salts (Hot) [%]	Max. 0.50	Max. 0.50	Max. 0.50	Max. 0.25	Max. 0.50	<0.25
10.	Cadmium (Total Content) [mg/kg] / ppm	Max. 1.00	-	Max. 1.00	Max. 1.00	Max. 1.00	<0.01
11.	Antimony (Total Content) [mg/kg] / ppm	Max. 50.00	-	-	-	-	<2.00
12.	Antimony (HCL Soluble) [mg/kg] / ppm	-	Max. 2.00	Max. 100.00	-	-	<1.00
13.	Arsenic (Total Content) [mg/kg] / ppm	Max. 3.00	-	-	-	-	<1.00
14.	Arsenic (HCL Soluble) [mg/kg] / ppm	-	Max. 1.00	Max. 5.00	Max. 1.00	Max. 5.00	<1.00
15.	Lead (Total Content) [mg/kg] / ppm	Max. 10.00	-	-	-	-	<10.00
16.	Lead (HCL Soluble) [mg/kg] / ppm	-	Max. 10.00	Max. 5.00	Max. 10.00	Max. 10.00	<3.00
17.	Mercury (Total Content) [mg/kg] / ppm	Max. 1.00	-	-	-	-	<0.01
18.	Mercury (HCL Soluble) [mg/kg] / ppm	-	Max. 1.00	Max. 1.00	Max. 1.00	Max. 1.00	<0.01
19.	Zinc (Total Content) [mg/kg] / ppm	Max. 50.00	-	Max. 20.00	Max. 20.00	Max. 20.00	<10.00
20.	Barium (ppm)	-	-	Max. 20.00	-	Max. 5.00	<5.00
21.	Iron (ppm)	-	-	Max. 200.00	-	Max. 200.00	<50.00
22.	Whiteness (%)	Min. 98.00	Min. 98.00	Min. 98.00	Min. 98.00	Min. 98.00	>98.50
23.	Organic Volatile Impurities Chloroform 1,4-Dioxane Dichlormethane Trichlorethylene	-	-	-	60 µg per gm. Max. 380 µg per gm. Max. 600 µg per gm. Max. 80 µg per gm. Max.	-	<1 µg per gm. <10 µg per gm. <1 µg per gm. <1 µg per gm.
24.	Microbiology Test Total Aerobic Count Yeasts & Moulds	-	-	100 cfu/gm. Max. 100 cfu/gm. Max	100 cfu/gm. Max. 100 cfu/gm. Max	100 cfu/gm. Max. 100 cfu/gm. Max	Conforms Conforms
25.	E.coli, Salmonella, S. auerus, Clostridia	-	-	Not Detected	Not Detected	Not Detected	Conforms

Applications in Foodstuffs :

- As Colorant for Sugar Products, Candy, Chewing Gum, Coffee Whitener.
- As Colorant for Cakes and Mayonnaise, Cookies, Biscuits and White Chocolate, Mints, Edible Icing Sheets etc.
- Cosmetics : Toothpaste and Sunscreen Lotion.



Applications in Pharmaceuticals : Coloring Agent for

- Capsules
- Films
- Tablets
- Medical Sticky Tapes
- Ointments
- Lotions
- Coated Pills
- Pellets
- Empty Hard Gelatin Capsule (EHGC)



Purity Requirements for Direct Addition to Medicines & Human Foods

Zinc Oxide : Yet Another Versatile & Unique Product for All Three Industries (Shelf Life : 5 Years)
(Pure White Powder, Free Flowing)

Sr. No.	Particulars	FCC XII	BP/EP	USP	IP	OUR QUALITY
1.	Solubility	Should Comply	Should Comply	Should Comply	Should Comply	Complies
2.	Alkalinity	Should Comply	Should Comply	Should Comply	Should Comply	Complies
3.	Carbonate and Substances insoluble in Acid	Should Comply	Should Comply	Should Comply	Should Comply	Complies
4.	Arsenic [ppm]	Max. 3.00	-	Max. 6.00	Max. 5.00	<1.00
5.	Cadmium [ppm]	Max. 3.00	Max. 5.00	-	-	<1.00
6.	Lead [ppm]	Max. 10.00	Max. 10.00	No Turbidity or Precipitation is produced	The resulting solution remains clear	<5.00
7.	Thallium [ppm]	-	Max. 5.00	-	-	<3.00
8.	Iron [ppm]	Max. 200.00	Max. 200.00	White precipitates are formed	Max. 400.00	<10.00
9.	Mercury [ppm]	Max. 0.10	-	-	-	<0.10
10.	Loss on Ignition [%]	Max. 1.00	Max. 1.00	Max. 1.00	Max. 1.00	<0.20
11.	Assay (Ignited Basis) [%]	99.00 - 100.50	99.00 - 100.50	99.00 - 100.50	99.00 - 100.50	>99.95

Calcium Carbonate : Most Useful, Cost Effective & Versatile Product to Human (Shelf Life : 5 Years)
(Fine, White, Odorless, Tasteless, Microcrystalline Powder. It is stable in Air)

Sr. No.	Particulars	USP (Heavy)	JP (Light)	OUR QUALITY	DC 90%
1.	Substances Insoluble in Acetic Acid [%]	Max. 0.20	Max. 1.00	<0.20	Max. 0.20
2.	Substances Insoluble in HCL [%]	Max. 0.005	Max. 0.005	<0.005	Max. 0.20
3.	Fluoride [%]	Max. 0.005	-	<0.005	Max. 0.005
4.	Arsenic [ppm]	Max. 3.00	Max. 5.00	<3.00	Max. 0.60
5.	Cadmium [ppm]	-	-	-	Max. 0.40
6.	Lead [ppm]	Max. 3.00	-	<3.00	Max. 0.20
7.	Iron [ppm]	Max. 1000.00	-	<200.00	Max. 200.00
8.	Barium	Should Comply	No Green Colour Appears	Complies	Should Comply
9.	Loss on Drying [%]	Max. 2.00	Max. 1.00	<1.00	Max. 2.00
10.	Heavy Metals [ppm]	Max. 20.00	Max. 20.00	<20.00	Max. 20.00
11.	Assay [%]	98.00 - 100.50	NLT 98.50	>99.50	NLT 90.00
12.	Magnesium and Alkali Salts [%]	Max. 1.00	Max. 0.50	<0.50	Max. 1.00
13.	Organic Volatile Impurities	-	-	-	Should Comply
14.	Microbiology Test Total Aerobic Count Yeasts & Moulds	-	-	-	1000 cfu/gm. Max. 100 cfu/gm. Max
15.	Escherichia Coli & Salmonella	-	-	-	Absent



Zinc Oxide in Breakfast Cereals



Wound Dressing Plaster



Animal Feed Supplement



Used in Food, Pharma, Cosmetic & Laboratory Reagents Industries



Chewing Gum



Cake Glazes

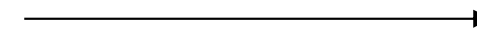


EHGC



Ointment

Using Edible
Icing Sheets



Laboratory Reagents



Beauty Products



Sun Care Products



Face Cream

Company Profile : Legacy of 34 Years, coupled with 44 Years of Superabundant Experience

Established in 1989, as a small Proprietorship Company, and then, after 13 Years strong Experience, ventured into a Private Limited company in the **Year 2002** and now, it is **ISO 9001:2015** (by UKAS, UK) Certified and **AEO T1** Status Holder by International Customs Certification (WCO, SAFE Framework) and enjoying **34th Successful Year**.

The Promoter and The Entire Team is Highly Qualified Technocrats with 44 years of Superabundant Experience in Production, Quality Control and R&D of Fine Chemicals, Excipients and Additives used in Food, Pharma & Cosmetic Industries.

Engaged in Contract Manufacturing and Exports of Highly Pure Fine Chemicals used in Food, Pharma & Cosmetic industries, since last 34 years. Also engaged in Manufacturing of Natural Cosmetic Beauty Products, from 100% Active Natural Ingredients, Based on Agriculture Produce, Neem Seeds Oil, **100% Organic**.

Exporting to **37+ Countries**, including Australia, Czech Republic, China, Egypt, Malaysia, Mexico, Russia, Iran, South Korea, Sri Lanka & U.A.E.

Specialized in handling & supplying Highly Pure Fine Chemicals, Excipients, Additives used in Food, Pharma & Cosmetic industries, including Natural 100% Organic Beauty Cosmetics.

The Company is Proud of being **Member of** • IMC • FIEO • Pharmexcil • India SME Forum • MVIRDC World Trade Center (WTC) • Indo-American Chamber of Commerce (IACC).

The Company's Policy is Consistency in Quality and **The Quality is Non-Negotiable**.

We always offer High Purity Quality products, We don't sell the Products, for which, we are not proud of.

BIMAL PHARMA PVT. LTD.

Address : 10, Indraprastha 1-C, Raheja Township,
Jitendra Road, Malad (East),
Mumbai - 400097, India.

Tel No. : 0091- 022 - 35517771 / 46076143

Mob. No. : 0091- 9702968181 / 9137369116

E-mail ID : sales@bimalpha.com / info@bimalpha.com

Websites : titaniumdioxidepharmaindia.com

titaniumdioxidefoodindia.com



Pharmaceuticals Export Promotion Council of India
(Set up by Ministry of Commerce & Industry, Govt. of India)
RCMC No. : PXL/ME/VII/5015

Member of



INDO-AMERICAN
CHAMBER OF COMMERCE

Membership No.: OIB/BOM/04077

