

Titanium dioxide PRETIOX AV-01 FG

MANUFACTURER / SELLER

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PRODUCT INFORMATION

Chemical substance	Titanium dioxide (TiO ₂)
Grade	High purity, surface untreated anatase pigment
Basic properties	Passes the test required by the European Pharmacopeia (PhEur), the U.S. Pharmacopeia (USP) and the Regulations of food additives (2008/128/EC, FDA).
Classification	ISO 591: A1 ASTM D476: I EU TARIC code: 320 611 00
Colour index No.	Pigment White 6 (77 891)
CAS No.	13463-67-7
EINECS No.	236-675-5
Dye code	E 171
Delivery form	Powder
Packaging	25 ± 0.2 kgs paper bags
Storing	unbroken original packaging, dry and covered stores, pile up max. 1 pallet
Expiry date	24 months from the date of production

RECOMMENDED APPLICATION

Food industry
 Pharmaceutical industry
 Cosmetics, tooth pastes
 Cigarette papers, pet-foods

Information on application is given in good faith and does not constitute any guarantee.
 We recommend trial application tests.

TECHNICAL DATA	Unit	Value	Testing method
TiO ₂ content	(%)	min. 99.0	SPTM:LM/TB.30
Volatile matters at 105°C	(%)	max. 0.5	SPTM:LM/TB.32
Water soluble salts	(%)	max. 0.25	SPTM:LM/TB.31
Acid soluble salts	(%)	max. 0.5	SPTM:LM/TB.3
Loss on ignition at 800°C	(%)	max. 0.5	SPTM:LM/TB.2
Whiteness	(%)	min. 97.0	SPTM:LM/TB.36.2
Content of Al ₂ O ₃	(%)	max. 0.5	SPTM:LM/TB.6
Content of SiO ₂	(%)	max. 0.5	SPTM:LM/TB.6
Acid soluble Antimony	(mg/kg)	max. 2	SPTM:LM/TB.17
<u>Total content of</u>			
arsenic (As)	(mg/kg)	max. 3	SPTM:LM/TB.8
zinc (Zn)	(mg/kg)	max. 50	SPTM:LM/TB.8
antimony (Sb)	(mg/kg)	max. 50	SPTM:LM/TB.6
chromium (Cr)	(mg/kg)	max. 20	SPTM:LM/TB.8
lead (Pb)	(mg/kg)	max. 10	SPTM:LM/TB.8
mercury (Hg)	(mg/kg)	max. 1	SPTM:LM/TB.10
cadmium (Cd)	(mg/kg)	max. 1	SPTM:LM/TB.8
iron (Fe)	(mg/kg)	max. 50	SPTM:LM/TB.6

Safety Data Sheet is available on www.precheza.cz