

Gracefruit Ltd

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Company Number: SC374368



Titanium dioxide PRETIOX AV01FG

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 (2012/231/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 kg net ± 0.2 kgs paper bags		
Storing	unbroken original packaging, dry and covered stores, pile up max. 1 pallet		
Expiry date	36 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
Assay TiO ₂ "as is basic"	(%)	min. 99.0	SPTM:LM/TB.30
Particle Size > 0.045 mm	(%)	max. 0.10	SPTM:LM/TB.37
Loss on drying at 105°C	(%)	max. 0.5	SPTM:LM/TB.32
Water soluble matters	(%)	max. 0.5	SPTM:LM/TB.31
Matter soluble in 0,5 N HCl	(%)	max. 0.5	SPTM:LM/TB.3
Loss of ignition (800°C)	(%)	max. 1.0	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
Cadmium as Cd (HCl-soluble)	(mg/kg)	max. 1.0	SPTM:LM/TB.8
Antimony as Sb (HCl-soluble)	(mg/kg)	max. 2.0	SPTM:LM/TB.8
Arsenic as As (HCl-soluble)	(mg/kg)	max. 1.0	SPTM:LM/TB.8
Lead as Pb (HCl-soluble)	(mg/kg)	max. 10.0	SPTM:LM/TB.8
Mercury as Hg (HCl-soluble)	(mg/kg)	max. 1.0	SPTM:LM/TB.8