

PRETIOX TITANIUM DIOXIDE

FOODSTUFFS, PHARMACY AND COSMETICS

PRECHEZA long-term experience in manufacturing of titanium dioxide PRETIOX has been applied to develop special grades of titanium dioxide for food/pharma and cosmetic sectors.



Identification

INCI name	Titanium Dioxide
Chemical formula	TiO ₂
Molecular weight	79.88
CAS No.	13463-67-7
EINECS No.	236-675-5
Colour Index	77891
Colour Name	Pigment White 6

Compliance with purity standards

	PRETIOX AV01FG	PRETIOX AV01PhG	PRETIOX R200C
E-171 Food Colour Specification 231/2012/EC	■	■	■
Food and Drug Administration FDA 21 CFR	■	■	■
FAO JECFA Specification Monograph 13 (2012)	■	■	■
Cosmetic Regulation 1223/2009/EC	■	■	■
US Pharmacopoeia USP-NF		■	
Japanese Pharmacopoeia JP		■	
Kosher	■	■	
Halal	■	■	

Application

	PRETIOX AV01FG	PRETIOX AV01PhG	PRETIOX R200C
Foodstuffs ¹⁾	■		■
Cosmetics ²⁾	■	■	■
Pharmaceuticals		■	



1) EU: not authorised food additive E-171 (Commission Regulation (EU) 2022/63)

USA: not to be used in amounts greater than 1 % w/w in food products

2) EU: limitation for „face products in loose powder form“ and „hair aerosol spray products“ (Commission Regulation (EU) 2021/850)