



ALLIANCE

ORGANICS LLP

Dyestuffs • Pigments • Food Colours

Technical Data Sheet



Product Information

Product Name	Titanium Dioxide (Food Grade)
C.I. Name	-
C.I. No.	77891
CAS No.	13463-67-7

Characteristic	Specification/ Limit
Chemical Class	Inorganic Pigment
Molecular Formula	TiO ₂
Molecular Weight	79.87
Hue	White
Physical Appearance	White Powder
Light Fastness	Excellent
pH	6.5 – 8.5
Solubility in Water	Insoluble
Active TiO ₂ Content	≥ 99%
Acid Soluble Substances	≤ 0.35%
Water Soluble Substances	≤ 0.25%
Dispersion (µm)	≤ 0.5%
Loss on Drying (105°C)	≤ 0.50%
Loss on Ignition	≤ 0.50%
Antimony	≤ 2.00 mg/kg
Cadmium	≤ 1.00 mg/kg
Mercury	≤ 1.00 mg/kg
Lead	≤ 2.00 mg/kg
Arsenic	≤ 1.00 mg/kg

Application	
Food products	coatings
pigments	pharmaceuticals