



## TDS of TITANIUM DIOXIDE FOOD GRADE JHF-17111

### 1. Description

The TiO<sub>2</sub> Anatase Food Grade product is produced by sulphate process, it is characterized by its high brightness, purity and good opacity. The main applications are food coloring, food additives, pharmaceuticals, cosmetics, soap making, cigarettes and for cigarette paper Pet-foods etc.

### 2. Typical Properties

TITANIUM DIOXIDE FOOD GRADE			
Appearance, Odor	white, odorless	Property	Powder
Particle size(micron)	0.2-0.4	<= 45um Sieve Residue	<= 0.1%
Median Partical Size(micron)	0.25	pH Value	6.0-8.5
Max. Particle Size(micron)	0.4	conductivity	230
Al <sub>2</sub> O <sub>3</sub> &SiO <sub>2</sub> (%)	<=2.0	content of rutile (%)	<= 1.5
Crystal Structure	Anatase	dispersability	>=100
Specific Gravity	3.9	Fe content (%)	<=0.01
TiO <sub>2</sub> %	>= 99	resistivity (Ω/cm)	>=7000
Pb - Lead(mg/kg)	<=10	color index L	>= 98%
Cadmium(mg/kg)	<=1.0	color index b	<= 1.0%
As- Arsenic(mg/kg)	<=1.0	S-T 1-2um filter test	>=600ml
Hg- Mercury(mg/kg)	<=1.0	carbon content	<= 0.2%
Sb-Antimony(mg/kg)	<=2.0	potassium content	<= 0.2%
Water Soluble salt(%)	<=0.25	phosphorus content	0.1%-0.2%
Acid Soluble salt(%)	<=0.5	silicon content	<= 0.05%
Dry on ignition(%)	<=0.5	specific surface area(m <sup>2</sup> /g)	/
Loss on Ignition(%)	<=0.5	Heavy metal(calculated by Pb, mg/kg)	<=10.0
Whiteness	>= 97.0	Volatile matter under 105°C(%)	<= 0.5

CAS No.:13463-67-7

EINECS No.:236-675-5

Crystal Structure: Anatase

The information herein is believed to be reliable. However, no warranty, expressed or implied, is made as to its accuracy or completeness and none is made as to the merchantability of the material or its fitness for any purpose. The manufacturer shall not be liable for consequential damages or for damages to persons or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.

Sales office in Canada: **G&J Resources Inc.** Unit 502, 7300 Warden Ave. Markham, Ontario, Canada, L3R 9Z6  
Tel: 1 905-604-7008 Fax: 1 905-604-7009 [www.gandjresources.com](http://www.gandjresources.com)



# SHANGHAI JIANGHU TITANIUM WHITE PRO CO., LTD

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### 3. Packing

20kg,25Kg,500Kg,1000Kg or as clients' requests offer, seaworthy and suitable for container transportation.

### 4. Storage

Store in cool and ventilating place, keep free from sunlight.

#### Regulatory Certification Information

- a. Have the KOSHER certificate
- b. Have the HALAL certificate
- c. Have the SGS certificate
- d. Have the FDA certificate
- e. Have the REACH certificate
- f. Have the ISO 9001certificate
- g. Have the ISO22000certificate
- f. The technical index for food-level (equal to technical index of medicine) titanium dioxide of our company meet standards of America and European Union Pharmacopoeia.

**For more information, to obtain a product sample, or customizing a product to meet your needs, contact our sales office in Canada.**

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