

## TECHNICAL DATA SHEET

**Description:** **Food Grade Ruichem<sup>®</sup> RC-210** is an untreated and uncoated anatase titanium dioxide, produced by sulfate process. It complies with E171 and FDA, etc. The product is non-toxic and tasteless. It has high brightness, purity and good dispersion. It has a whitening effect on foods and can also be used in combination with other pigments to produce a soft color. In addition, it can shield ultraviolet rays and help to improve the shelf life of foods.

**Applications:** In food preparation, it can be used as a coating, an additive, a whitening colorant, etc. Mainly used in candy chocolate, cool fruit, instant, jelly, jam, salad dressing, mayonnaise, puffed food, chewing gum and non-sweetener-type solid beverage, concentrated solid beverage, emulsion-containing beverage, and so on.

<b>Properties:</b>	• TiO <sub>2</sub> content:	≥99.0%
	• Specific gravity, g/cm <sup>3</sup> :	3.80~4.00
	• Soluble matter in water:	≤0.5%
	• Soluble matter in HCl (0.5N):	≤0.5%
	• Loss on drying (105°C):	≤0.5%
	• Loss on Ignition (800°C):	≤1.0%
	• Classification---ISO591-1:2000(E):	A1
	• Lead, ppm:	≤10
	• Antimony, ppm:	≤50
	• Arsenic, ppm:	≤3
	• Mercury, ppm:	≤1
	• Cadmium, ppm:	≤1

### Package & storage:

Package: 25kgs craft paper bag, or 500kgs/1000kgs plastic woven bag.

Storage: Keep tightly sealed and stored in a cool, dry and well-ventilated area.

#### Headquarters

Hangzhou Ruijiang Chemical Co., Ltd  
Add: Floor 12th, No.99, Huaxing Road,  
Hangzhou, Zhejiang, China  
Tel: +86-571-28023733  
Fax: +86-571-88930225  
E-mail: ruichem06@ruijianggroup.com  
Website: [www.ruitio2.com](http://www.ruitio2.com)

#### HK Branch

Hangzhou Ruijiang  
Chemical Co., Limited  
Room 2105 HZ2555  
Trend Centre 29-31  
Cheung Lee Street  
Chai Wan HK

#### European Branch

Ruichem Europe B.V.  
Beursplein 37, 3011AA  
Rotterdam

#### USA Branch

RUICHEM USA, INC.  
99 Wall Street, Suite  
2866, New York, NY  
10005, USA

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