

TECHNICAL DATA SHEET

Description: **Medicine Grade Ruichem[®] RC-220** is an untreated anatase titanium dioxide, produced by sulfate process, with high brightness, purity and good opacity. It complies with E 171, European Pharmacopoeia, US Pharmacopoeia, Japanese Pharmacopoeia, Chinese Pharmacopoeia, etc.

Applications: As a pharmaceutical product coating, an additive, and a whitening agent, it is mainly used for preparing coated tablets, pills, granules, capsules, and external preparations.

Properties:	• TiO ₂ content:	≥99.0%
	• Specific gravity, g/cm ³ :	3.80~4.00
	• Soluble matter in water:	≤0.25%
	• Soluble matter in HCl (0.5N):	≤0.5%
	• Loss on drying (105°C):	≤0.5%
	• Loss on Ignition (800°C):	≤0.5%
	• Classification---ISO591-1:2000(E):	A1
	• Antimony, ppm:	≤2
	• Arsenic, ppm:	≤1
	• Lead, ppm:	≤10
	• Mercury, ppm:	≤1
	• Zinc, ppm:	≤50
	• Cadmium, ppm:	≤1
	• Iron, ppm:	≤200
	• Bacteria, cfu/g:	≤100
	• Moulds and Yeasts, cfu/g:	≤100

Package & storage:

Package: 25kgs craft paper 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

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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