

## SPECIFICATION

## Titanium(IV) Oxide

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White ~ slightly yellow, powder
Assay (TiO <sub>2</sub> )	min.99.0%(mass/mass)
Water-soluble matter	max.0.05%(mass/mass)
Hydrochloric acid-soluble matter	max.0.1%(mass/mass)
Loss on ignition	max.0.5%(mass/mass)
Chloride (Cl)	max.0.005%(mass/mass)
Nitrate (NO <sub>3</sub> )	max.0.005%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.005%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.02%(mass/mass)
Lead (Pb)	max.0.002%(mass/mass)
Arsenic (As)	max.5ppm(mass/mass)
Iron (Fe)	max.0.005%(mass/mass)

JIS K 8703:2011

(\*:Additional test performed by Wako but not required by JIS)

This product is rutile form