

SPECIFICATION

Titanium(IV) Oxide

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|----------------------------------|---------------------------------|
| * Appearance | White ~ slightly yellow, powder |
| Assay (TiO ₂) | 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 ₃) | max.0.005%(mass/mass) |
| Phosphate (PO ₄) | max.0.005%(mass/mass) |
| Sulfate (SO ₄) | 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