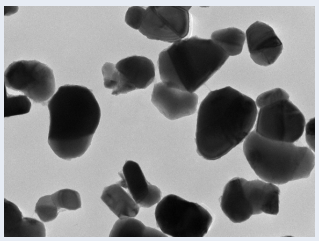
# High Opacity
# Excellent Coverage

**Tipaque® CR-50** is a cosmetic-grade titanium dioxide produced by the chloride process. It delivers outstanding whiteness with high opacity and excellent coverage, making it ideal for foundations and makeup applications. In addition, the chloride process includes a purification step that removes impurities, enabling low heavy metal content and high purity titanium dioxide.

| | CR-50 |
|---|---|
| Crystal Form | Rutile |
| Particle Size (nm) | 250 |
| Main Ingredient | Titanium Dioxide |
| Surface Treatment | $Al(OH)_3$ |
| Shape | Spherical |
| Surface Properties | Hydrophilicity |

| | |
|---|---|
| TEM image |  |
| Primary particle size (Mean, Volume-based) | ca. 250nm |
| 100nm or less[%] (Number-based) | ca. 11% |

## Features

- Global distribution
- High hiding power
- Formulation stability
- Good dispersibility

## Nano Statement:

– According to the definition in **French decree 232-2012**, the above products are not considered that it contains nanomaterials.

– According to the definition in **European Commission Recommendation(2022/C229/01)**, the above products are not considered that it contains nanomaterials.



## CR-50

**INCI Name/CAS No:**
Titanium Dioxide/
13463-67-7
Aluminum Hydroxide/
21645-51-2

**Packaging:**
・25kg/bag

**Appearance:**
・White powder

**Applications:**
・Foundation etc.

**Environmental features:**
・Natural Origin Index:1.00
(ISO 16128)

**Other Information:**
・EU REACH : registered
・NMPA: registered

**Complies with the following regulations**
・E171
・FDA(CFR)
・JSQI

ISK Local Insight, Global Impact

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