

THE GLOBAL STANDARD MICRO TITANIUM DIOXIDE

MT-100TV

TAYCA

This product is a 15 nm-sized Micro Titanium Dioxide treated with Aluminum Hydroxide and Stearic Acid.
As a UV filter, it complies with regulations in various countries around the world and is COSMOS and HALAL certified.

※HALAL certification is limited to non-GMP grades and the Indonesian market as of May 2025.

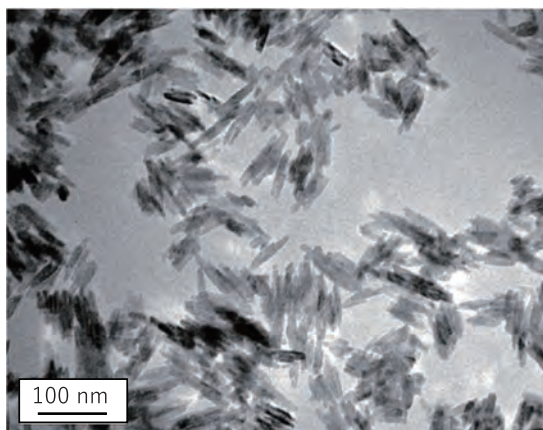
Grade	Primary Particle Size	INCI	EU※1	China※2	US※3	Natural Origin Index
MT-100TV	15 nm	TITANIUM DIOXIDE ALUMINUM HYDROXIDE STEARIC ACID	○	○	○	1.00

※1: Regulation (EC) No 1223/2009

※2: IECIC Registration Status

※3: Usability in U.S. OTC Sunscreens

TEM Image



Certification status



SPF/UVAPF *in vitro*

Dosage	3 %	5 %	10 %
SPF	7	11	23
UVAPF	4	4	5

Formulation : W/O Emulsion
Application Amount : 1.3 mg/cm²
Base : PMMA HD6
Measurement : SPF Analyzer UV-2000S

Compatible with Various Formulations

Applications	Formulation	Expected Effects
Sunscreen	Milk, Cream	It achieves both high transparency and SPF effect. It disperses easily in various oils and is compatible with a wide range of formulations.
Foundation	Liquid, Powder	It has an excellent adhesion to the skin, providing high SPF protection
Others	Concealer, Lipstick, Loose powder, etc.	It blends naturally into any skin type and provides high SPF.