

Product Data Sheet

HOMBITAN® FG

HOMBITAN® FG pigment is an uncoated anatase titanium dioxide pigment with high brightness and very blue tone. HOMBITAN® FG pigment is a product of mineral origin. It has no odor, no taste and no calories. HOMBITAN® FG pigment is especially developed for food applications and provides high opacity in food and cloudiness in beverages. HOMBITAN® FG pigment is manufactured accordingly to GMP, Kosher and Halal standards and certified by Ecocert. HOMBITAN® FG pigment has been certified according to the worldwide acknowledged GFSI standard FSSC 22000 since 2013.

Typical Properties	FDA	E171
Titanium Dioxide [%]	≥99.0	≥99.0
Loss on drying [%]	-	≤0.5
Loss on ignition [%]	≤0.5	≤1.0
Water soluble substances [%]	≤0.3	≤0.5
Acid soluble substances [%]	≤0.5	≤0.5
Arsenic (HCl-soluble) [mg/kg]	≤1	≤1
Lead (HCl-soluble) [mg/kg]	≤10	≤10
Antimony (HCl-soluble) [mg/kg]	≤2	≤2
Cadmium (HCl-soluble) [mg/kg]	-	≤1
Aluminium Oxide and/or Silicon Dioxides* [%]	≤2.0	≤2.0
Mercury (total) [mg/kg]	≤1	-
Mercury (HCl-soluble) [mg/kg]	-	≤1
Acid-Soluble Barium Compounds	-	-
Total Aerobic Microbial Count (TAMC) [cfu]	100	
Total Yeast and Moulds Count (TYMC) [cfu]	100	
Escherichia Coli		Absent in 1g
Pseudomas Aeruginosa		Absent in 1g
Staphylococcus Aureus		Absent in 1g
Candida Albicans		Absent in 1g
Salmonella		Absent in 10g

* Al₂O₃ and/or SiO₂

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Safety, Health and Environment

As for all fine powders, the handling of titanium dioxide pigments can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

Storage

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 36 months from the production date.

Contact Details

Venator
Titanium House, Hanzard Drive
Wynyard Park, Stockton-on-Tees
TS22 5FD, UK

Tel: +44 (0)1740 608001

Email: info@venatorcorp.com

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