

**Quality certificate**

Date of dispatch: 13.11.2015  
Reference Nr. : 168785  
Date of production: 04.11.2015  
Date of expiration: 03.11.2018

**Material:**

10004 **PRETIOX AV01FG 25 kg bag**  
Number of mean of transport:  
**6T78019, 6T82121**

This product was produced in accordance with the guidelines of relevant quality management system and monitored in every manufacturing stage.

**Batch: 150029 / Quantity: 12.000T**

Characteristic	Value	Unit	Specification
Assay TiO <sub>2</sub> "as is basis"	99.3	%	min. 99.0
Particle Size > 0.045 mm	0.00	%	max. 0.10
Whiteness	98.7	%	min. 97.0
Loss on drying at 105°C	0.3	%	max. 0.5
Loss on ignition at 800°C	0.0	%	max. 0.5
Al <sub>2</sub> O <sub>3</sub> content	0.02	%	max. 0.5
SiO <sub>2</sub> content	0.00	%	max. 0.5
Matter soluble in HCl	0.20	%	max. 0.5
Water soluble matter	0.40	%	max. 0.5
Cadmium soluble in HCl	0.5	mg/kg	max. 1.0
Antimony soluble in HCl	0.5	mg/kg	max. 2.0
Arsenic soluble in HCl	<1.0	mg/kg	max. 1.0
Lead soluble in HCl	5.0	mg/kg	max. 10.0
Mercury soluble in HCl	0.1	mg/kg	max. 1.0

This pure titanium dioxide anatase pigment complies with the following standards/regulations:

Food Additive Regulation 2012/231/EC (E 171), FCC, JSSFA  
FDA 21 CFR 73.575, 73.1575, 73.2575  
KOSHER for Passover and Pareve, HALAL  
FDA REGISTRATION No. 12574002440