

Certificate of Analysis

TITANIUM DIOXIDE

Titanium Dioxide is an Anatase Titanium Dioxide product that conforms to E171. E171 Titanium Dioxides are suitable for a number of cosmetic, food and pharmaceutical applications. This material provides the pigment properties required for excellent performance in today's applications. This material is produced through a unique process that results in high purity and high batch consistency.

Product Name: Titanium Dioxide

Colour Index Name: Pigment White 6

CAS No.: 13463-67-7

Colour Index No.: 77891

Chemical Formula: TiO₂

<u>Serial number</u>	<u>Technical Data (Unit)</u>	<u>Index</u>	<u>Test Method</u>
01	Titanium Dioxide content (%)	99	GB1706-2006
02	Volatile matter under 105°C (%)	Max. 0.5	ISO 787/2-1978
03	Water soluble salt (%)	Max. 0.5	ISO 787/8-2000
04	Acid soluble salt (thermal filtration 0.5M HCl) (%)	Max. 0.5	SPTM : LM/TB. 14
05	Loss on ignition % under 800°C	Max. 1.0	SPTM : LM/TB. 13
06	Whiteness (%)	Min. 97.0	SPTM : LM/TB. 12.2
07	Cadmium	< 1ppm	ICPMS
08	Antimony	< 2ppm	ICPMS
09	Arsenic	< 1ppm	ICPMS
10	Lead	< 10ppm	ICPMS
11	Mercury	< 1ppm	ICPMS
12	Zinc	< 50ppm	ICPMS

Disclaimer

All data contained in this document is as per our supplier. Therefore, all the information in this document is to be believed to be accurate, however, no representation, warranty or guarantee of any kind, express or implied is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage, or expense, direct or consequential arising out of the use of this product. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information in relation to their own particular use.