



## TECHNICAL DATA SHEET

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# Titandioxid Typ W

<b>Description</b>	A white powder			
<b>Pigment type</b>	Untreated anatase pigment produced by the sulphate process			
<b>INCI Name</b>	Titanium Dioxide			
<b>Chemical Composition</b>	<b>By weight</b>	<b>CAS No.</b>	<b>CI Number</b>	<b>Einecs</b>
TiO <sub>2</sub>	≥ 99 %	13463-67-7	77891	236-675-5
<b>Trace Elements</b>	<b>Lead (Pb)</b>	10.0 ppm	max.	
	<b>Arsenic (As)</b>	1.0 ppm	max.	
	<b>Mercury (Hg)</b>	1.0 ppm	max.	
	<b>Antimony (Sb)</b>	2.0 ppm	max.	
	<b>Cadmium (Cd)</b>	1.0 ppm	max.	
<b>pH (10 % aqueous solution)</b>	7–8,5			
<b>Density</b>	3,8 g/cm <sup>3</sup>			
<b>Particle size</b>	0,26 µm (50 % within the range)			
<b>Oil Absorption</b>	19 g/100 g			
<b>Brightness</b>	98–98,9			
<b>Water soluble matter</b>	≤ 0,5 %			
<b>HCl soluble matter</b>	≤ 0,5 %			
<b>Loss on drying</b>	0–0,5 % (105 °C)			
<b>Total amount of bacteria</b>	< 100 cfu/g			
<b>Yeast and Mould</b>	< 100 cfu/g			
<b>Pathogens</b>	negative			

This product is an anatase pigment approved for colouring foodstuffs, cosmetics, pharmaceuticals, tobacco products, etc. It meets the following product safety regulations and standards: European Union: 1223/2009/EC; 96/335/EC; 2009/35/EC; 1333/2008/EC; 231/2012/EU; 178/2002/EC; European Pharmacopoeia; ISO 22000:2005; Food Safety System Certification (FSSC) 22000:2013 | USA: FDA Regulation 21 CFR 73.575 (foodstuffs); 73.1575 (pharmaceuticals); 73.2575 (cosmetics); US Pharmacopoeia

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