

## CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
TITANIUM DIOXIDE CI No. 77891	10863	12/2027	E171

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	White powder	Comparable to standard
Odour:	Neutral odour	Comparable to standard
pH Value (10% aqueous solution):	7.0 - 8.0 @ 20°C	7.4
Density @20°C	3.8g/cm <sup>3</sup>	Conforms
Assay (% TiO <sub>2</sub> content )	Max 100	99.50
Moisture /Loss on drying %	<0.5	0.30
Loss on ignition (after drying) %	<0.5	0.10
Water soluble substance %	<0.25	0.14
Acid soluble substances %	<0.5	0.11
Particle Size	200 - 250 nm	Conforms
Acid soluble Antimony mg/kg	<2.0	0.50
Acid soluble Arsenic mg/kg	<1.0	Conforms
Acid soluble Lead mg/kg	<10.0	3.00
Acid soluble Mercury mg/kg	<1.0	0.1

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