

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Issued: June 20<sup>th</sup>, 2023

Product denomination:	Pearlescent Pigment	CLAREIUM 8002
<b>Physical Properties</b>		<b>Test Method</b>
Physical Form:	Dry powder	N/A
Appearance:	Yellow Powder	N/A
Particle size Range:	50-250 µm	Laser Diffraction
Density	2.5 – 2.8 g/cm <sup>3</sup>	DIN-ISO-787-10
pH 10% Aqueous Slurry	6-10	DIN-ISO-787-9
Oil Absorption	80-120 g/100 g	GB/T5211.15-88
Chemical Resistance	Stable in Dilute Acid & Alkali	N/A

<b>Composition - International Nomenclature of Cosmetics Ingredients (INCI) :</b>				<b>Nominal</b>	<b>Unit</b>	<b>Test Method</b>
Calcium Aluminum borosilicate	CI: unlisted	CAS: 65997-17-3	EINECS:	81-85	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	14-17	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	1-2	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

<b>Heavy Metals</b>			
Lead (Pb)			Max 10 mg/kg ICP-MS
Arsenic (As)			Max 2 mg/kg ICP-MS
Mercury (Hg)			Max 1 mg/kg ICP-MS
Cadmium (Cd)			Max 3 mg/kg ICP-MS
Copper (Cu)			Max 20 mg/kg ICP-MS
Chromium (Cr)			Max 20 mg/kg ICP-MS
Nickel (Ni)			Max 10 mg/kg ICP-MS
Antimony (Sb)			Max 1 mg/kg ICP-MS

<b>Microbiological Contamination</b>	
100 cfu/g max	
Free of Pathogens in 1g	

<b>Visual And Colorimetric Evaluation</b>	Conforms	Pritty YRH
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC CLAREIUM-8002

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END OF TECHNICAL DATA SHEET