

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



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

Product denomination:		Pearlescent Pigment	CLAREIUM 8005			
<b>Physical Properties</b>			<b>Test Method</b>			
Physical Form:		Dry powder	N/A			
Appearance:		Blue 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:	79-83	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	16-19	%	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
EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC				CLAREIUM-8005		

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END OF TECHNICAL DATA SHEET