

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>
<b>Trade Name:</b>	<b>Mirinae<sup>®</sup> A-7805S Brilliant Turquoise</b>
<b>Manufacturer:</b>	<b>CQV Co., Ltd.</b> 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314
<b>Date Prepared:</b>	Rev. 1, March 1th, 2020

<b>1. Appearance:</b>	Brilliant Silver White, Free-flowing Powder
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<b>2. Ingredients and Composition</b>	
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INCI Name	Composition	By Weight (%)	CAS No.	EINECS
Alumina	Al <sub>2</sub> O <sub>3</sub>	46 - 56	1344-28-1	215-691-6
Tin Oxide	SnO <sub>2</sub>	1 - 5	18282-10-5	242-159-0
Silica	SiO <sub>2</sub>	1 - 5	7631-86-9	231-545-4
Titanium Dioxide	TiO <sub>2</sub>	38 - 48	13463-67-7	236-675-5

<b>3. Particle Size (μm):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		9	-	45	

<b>4. pH:</b>	5.0 - 10.0	(10% Aqueous Suspension)
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<b>5. Loss on Drying:</b>	0.5 % max.
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<b>6. Loss on Ignition:</b>	0.5 % max.
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<b>8. Trace Elements:</b>	Mercury (Hg)	1 ppm max.	Internal Method
	Arsenic (As)	1 ppm max.	
	Lead (Pb)	1 ppm max.	
	Cadmium (Cd)	1 ppm max.	
	Barium (Ba)	10 ppm max.	
	Antimony (Sb)	1 ppm max.	
	Copper (Cu)	10 ppm max.	
	Chromium (Cr)	10 ppm max.	
	Nickel (Ni)	10 ppm max.	

<b>9. Microorganisms:</b>	100 CFU/g max.	No Pathogens
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