

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>				
<b>Trade Name:</b>	<b>Cosmetica<sup>®</sup> Super Fine White N-8003D</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>	Fine Silk White, Free-flowing Powder				
<b>2. Ingredients and Composition</b>					
	INCI Name	Composition	By Weight (%)		CAS No.
					CI No.
	Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	55	- 66	12001-26-2
	Tin Oxide	$SnO_2$	0	- 1	18282-10-5
	Titanium Dioxide	$TiO_2$	34	- 44	13463-67-7
<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters		D10	-	D90
			5	-	25
			(By Malvern Mastersizer 2000S)		
<b>4. pH:</b>	7.0 - 11.0				(10% Aqueous Suspension)
<b>5. Loss on Drying:</b>	0.5 % max.				
<b>6. Loss on Ignition:</b>	0.5 % max.				
<b>7. Water Soluble Substances:</b>	0.3 % max.				
<b>8. Acid Soluble Substances:</b>	2.0 % max.				
<b>9. Trace Elements:</b>	Mercury (Hg)				1 ppm max.
	Arsenic (As)				1 ppm max.
	Lead (Pb)				3 ppm max.
	Cadmium (Cd)				1 ppm max.
	Barium (Ba)				30 ppm max.
	Antimony (Sb)				1 ppm max.
	Copper (Cu)				30 ppm max.
	Chromium (Cr)				30 ppm max.
	Nickel (Ni)				10 ppm max.
	Zinc (Zn)				40 ppm max.
					Internal Method
<b>10. Microorganisms:</b>	100 CFU/g max.				No Pathogens