

# PRODUCT SPECIFICATIONS



**CQV Co., Ltd.**

<b>Product Name:</b>	<b>CQV PEARL PIGMENT</b>					
<b>Trade Name:</b>	<b>Magchrom® N-5401S Natural Dazzling Red</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>	Silk White, Free-flowing Powder					
<b>2. Ingredients and Composition</b>						
INCI Name	Composition	By Weight (%)			CAS No.	EINECS
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	51	-	62	12001-26-2	310-127-6
Tin Oxide	$SnO_2$	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	$TiO_2$	38	-	48	13463-67-7	236-675-5
<b>3. Particle Size (<math>\mu m</math>):</b>	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		9	-	45		
<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.	Internal Method
	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.	
<b>10. Microorganisms:</b>	100 CFU/g max.				No Pathogens	