

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT						
Trade Name:	Magchrom® N-5401C Natural Corona Red						
Manufacturer:	CQV Co., Ltd. 144, Seongjung-Ro, Jincheon-Eup, Jincheon-Gun, Chungbuk-Do, Korea Tel. 82-43-531-2500, Fax. 82-43-536-0314						
Date Prepared:	Rev. 1, March 1th, 2020						
1. Appearance:	Silk White, Free-flowing Powder						
2. Ingredients and Composition							
	INCI Name	Composition	By Weight (%)		CAS No.	EINECS	
	Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	47	-	57	12001-26-2	310-127-6
	Tin Oxide	SnO_2	0	-	1	18282-10-5	242-159-0
	Titanium Dioxide	TiO_2	42	-	52	13463-67-7	236-675-5
3. Particle Size (μm):	Mean Diameters		D10	-	D90	(By Malvern Mastersizer 2000S)	
			7	-	30		
4. pH:	7.0 - 11.0				(10% Aqueous Suspension)		
5. Loss on Drying:	0.5 % max.						
6. Loss on Ignition:	0.5 % max.						
7. Water Soluble Substances:	0.3 % max.						
8. Acid Soluble Substances:	2.0 % max.						
9. Trace Elements:	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.		
10. Microorganisms:	100 CFU/g max.					No Pathogens	