

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT
Trade Name:	Magchrom® N-2101S Natural Dazzling Rose Gold
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:	Lustrous Yellowish, Free-flowing Powder
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2. Ingredients and Composition

INCI Name	Composition	By Weight (%)	CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	46 - 56	12001-26-2	77019
Tin Oxide	SnO_2	1 - 3	18282-10-5	77861
Iron Oxides	Fe_2O_3	3 - 7	1309-37-1	77491
Titanium Dioxide	TiO_2	37 - 47	13463-67-7	77891

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

4. pH:	4.0 - 9.0	(10% Aqueous Suspension)
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5. Loss on Drying:	0.5 % max.
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6. Loss on Ignition:	0.5 % max.
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7. Water Soluble Substances:	0.3 % max.
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8. Acid Soluble Substances:	2.0 % max.
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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)	50 ppm max.	
	Zinc (Zn)	40 ppm max.	

10. Microorganisms:	100 CFU/g max.	No Pathogens
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