

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Magchrom® N-5001S Natural Dazzling 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:	Silk White, Free-flowing Powder					
2. Ingredients and Composition						
INCI Name	Composition	By Weight (%)			CAS No.	EINECS
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	55	-	66	12001-26-2	310-127-6
Tin Oxide	SnO_2	0	-	1	18282-10-5	242-159-0
Titanium Dioxide	TiO_2	34	-	44	13463-67-7	236-675-5
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		9	-	45		
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	