

PRODUCT SPECIFICATIONS**CQV Co., Ltd.**

Product Name:	CQV PEARL PIGMENT
Trade Name:	Skolor[®] Sparkle Deep Gold 6040E
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. 4, March 1th, 2020

1. Appearance:	A Brilliant gold, Free-flowing Powder
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2. Ingredients and Composition

INCI Name	Composition	By Weight (%)	CAS No.	EINECS
Synthetic Fluorophlogopite	KMg ₃ AlSi ₃ O ₁₀ F ₂	63.5 - 78.0	12003-38-2	234-426-5
Iron Oxides	Fe ₂ O ₃	3 - 7	1309-37-1	215-168-2
Titanium Dioxide	TiO ₂	17 - 27	13463-67-7	236-675-5
Carmine	Carmine	2.0 - 2.5	1390-65-4	215-724-4

3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)
		18	-	110	

4. pH:	4.0 - 7.0 (10% Aqueous Suspension)
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5. Loss on Drying:	2.0 % max.
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6. 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.	

7. Microorganisms:	50 CFU/g max.	No Pathogens
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8. Handling and Storage:	Take care of dust free Store in dry & well ventilated area or in the general chemical warehouse. See MSDS
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* Note:	This product 6040E contains carmine(CI No. 75470) which is partially soluble above pH 7 and unstable under high temperature. Therefore this product should not be heated above 110 °C(230 °F)
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