

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

Product Name:	CQV PEARL PIGMENT					
Trade Name:	Natural Mica Powder N-1000D					
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. 2, December 11th, 2023					
1. Appearance:	Fine White Powder					
2. Ingredients and Composition						
INCI Name	Composition	By Weight (%)			CAS No.	CI No.
Mica	$K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$	100			12001-26-2	77019
3. Particle Size (μm):	Mean Diameters	D10	-	D90	(By Malvern Mastersizer 2000S)	
		5	-	25		
4. pH:	5.5 - 7.5				(10% Aqueous Suspension)	
5. Loss on Drying:	1.0 % max.					
6. Water Soluble Substances:	0.3 % max.					
7. Acid Soluble Substances:	2.0 % max.					
8. 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	