

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

Product Name:	CQV PEARL PIGMENT			
Trade Name:	Mirinae[®] A-1000D Alumina Powder			
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:	White, Free-flowing Powder			
2. Ingredients and Composition				
ICID Name	Composition	By Weight (%)		CAS No.
Alumina	Al ₂ O ₃	100		1344-28-1
3. Particle Size (μm):	Mean Diameters	D10	D90	(By Malvern Mastersizer 2000S)
		3 <	< 30	
4. pH:	7.0 - 11.0		(10% Aqueous Suspension)	
5. Loss on Drying:	1.0 % max.			
6. Loss on Ignition:	0.5 % max.			
7. Trace Elements:	Mercury (Hg)			1 ppm max.
	Arsenic (As)			1 ppm max.
	Lead (Pb)			1 ppm max.
	Cadmium (Cd)			1 ppm max.
	Barium (Ba)			10 ppm max.
	Antimony (Sb)			1 ppm max.
	Copper (Cu)			10 ppm max.
	Chromium (Cr)			10 ppm max.
	Nickel (Ni)			10 ppm max.
				Internal Method
8. Microorganisms:	100 CFU/g max.			No Pathogens