

PRODUCT SPECIFICATIONS



CQV Co., Ltd.

| | | | | | | |
|---------------------------------------|---|---------------|-------------|--------------------------|--------------------------------|-----------------|
| Product Name: | CQV PEARL PIGMENT | | | | | |
| Trade Name: | Mirinae[®] A-9001S Brilliant White | | | | | |
| 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: | Brilliant Silver White, Free-flowing Powder | | | | | |
| 2. Ingredients and Composition | | | | | | |
| INCI Name | Composition | By Weight (%) | | CAS No. | EINECS | |
| Alumina | Al ₂ O ₃ | 76 | - | 88 | 1344-28-1 | 215-691-6 |
| Tin Oxide | SnO ₂ | 0 | - | 2 | 18282-10-5 | 242-159-0 |
| Titanium Dioxide | TiO ₂ | 12 | - | 22 | 13463-67-7 | 236-675-5 |
| 3. Particle Size (μm): | Mean Diameters | D10 | - | D90 | (By Malvern Mastersizer 2000S) | |
| | | 9 | - | 45 | | |
| 4. pH: | 5.0 - 10.0 | | | (10% Aqueous Suspension) | | |
| 5. Loss on Drying: | 0.5 % max. | | | | | |
| 6. Loss on Ignition: | 0.5 % max. | | | | | |
| 8. Trace Elements: | Mercury (Hg) | | | 1 ppm max. | | Internal Method |
| | 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. | | | |
| 9. Microorganisms: | 100 CFU/g max. | | | | No Pathogens | |