

## High Purity Iron Oxide

Ewic Color's iron oxide meet the needs of current and emerging industries. These high purity pigments pass applicable FDA and European E172 specifications, making them suitable for use in cosmetic, food and pharmaceutical applications.

### Heavy Metal Content

| Impurities             | *FDA Regulations | **EC directive 95/45/EEC | ***EU RoHS directive | ****자율안전<br>확인기준<br>(국내 완구류<br>유해금속허용기준) |
|------------------------|------------------|--------------------------|----------------------|------------------------------------------|
| As(비소), ppm            | ≤ 3              | ≤ 5                      |                      | ≤25                                      |
| Ba(바륨), ppm            |                  | ≤ 50                     |                      | ≤1000                                    |
| Cd(카드뮴), ppm           |                  | ≤ 5                      | <100                 | ≤75                                      |
| Cr(크롬), ppm            |                  | ≤ 100                    | <1000                | ≤60                                      |
| Cu(구리), ppm            |                  | ≤ 50                     |                      |                                          |
| Pb(납), ppm             | ≤ 10             | ≤ 20                     | <1000                | ≤90                                      |
| Hg(수은), ppm            | ≤ 1(3)           | ≤ 1                      | <1000                | -                                        |
| Ni(니켈), ppm            |                  | ≤ 200                    |                      |                                          |
| Zn(아연), ppm            |                  | ≤ 100                    |                      |                                          |
| Sb(안티몬), ppm           |                  |                          |                      | ≤60                                      |
| Se(셀레늄)                |                  |                          |                      | ≤500                                     |
| Water Soluble Salts, % |                  | ≤ 1                      |                      |                                          |

\*FDA Regulations: 미국 식약청 유해 중금속 허용 규격

\*\*EC directive: 유럽유해중금속 허용규격

\*\*\*EU RoHS directive: EU 4 대 유해중금속 허용규격

\*\*\*\*자율안전확인기준: 국내완구류 등 유해중금속 허용기준