# Technical Data Sheet (TDS)

| PASSIONATA | Batch No: 244515 |
|---|---|
| INCI Names | Mica - Iron Oxide |
| C.A.S. Nos. | 12001.26.2 - 1309.37.1 |
| **CHEMICAL SPECIFICATIONS** | |
| Mica (C.I. 77019) | 40.0 - 46.0 % |
| Iron Oxide (C.I. 77491) | 54 - 60 % |
| **PHYSICAL PROPERTIES** | |
| Form | Dry Powder |
| Appearance | Deep Red Powder |
| Average Particle Size | 5 - 25 Microns |
| **MICROBIAL PURITY** | |
| Total Viable Aerobic Count | <100 |
| E.Coli | 0% in 1 g |
| Pseudomonas Aeruginosa | 0% in 1 g |
| Staphylococcus Aureus | 0% in 1 g |
| Candida Albicans | 0% in 1 g |
| Salmonella Species | 0% in 1 g |
| **HEAVY METALS** | |

| | | | |
|---|---|---|---|
| As | < 2 ppm | Hg | < 1 ppm |
| Ba | < 50 ppm | Ni | <10 ppm |
| Cr | < 20 ppm | Sb | < 1ppm |
| Cd | < 3 ppm | Pb | < 10 ppm |
| Cu | < 50 ppm | Zn | < 50 ppm |

**STORAGE**

Store in a dry place and always close bags after use to prevent absorption of moisture or contamination.

**SAFETY**

Not classified as dangerous under relevant EC directives and corresponding national regulations in individual EU member states.
Always wear a mask when working with dry powders.

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