



TKB Trading
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Certificate of Analysis

Product Name: Murasaki Manganese
 Batch No.: N/A-Representative Sample

| Assay(INCI) | Cas No. | Spec.Values | Batch Values | Method |
|------------------------------------|------------|--------------|--------------|--------|
| Manganese violet | 10101-66-3 | 100.00% | | |
| Particle size | | confirms | | |
| | | <1.0 Micron | | |
| pH-value | | 2.5-4.1 | | |
| Heavy metals | | | | |
| As | | ≤2 ppm | | |
| Ba | | ≤50 ppm | | |
| Cd | | ≤3 ppm | | |
| Cr | | ≤100 ppm | | |
| Cu | | ≤50 ppm | | |
| Hg | | ≤1 ppm | | |
| Ni | | ≤10 ppm | | |
| Pb | | ≤10 ppm | | |
| Sb | | ≤1 ppm | | |
| Zn | | ≤50 ppm | | |
| Visual and colorimetric evaluation | | confirms | | |
| Microbiological purity | | | | |
| Microorganisms | | 100CFU/g | | |
| Ph.Eur.USP XXII) | | No Pathogens | | |

It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order