

## TECHNICAL DATA SHEET

### IRON OXIDE, ORANGE

**1- Product Name:** Iron Oxide, Orange

**2- Formula:**  $F_2O_3$

**3- CAS Number:** 1309-73-1

**HS Code:** 28211000

#### **4- Chemical Specifications:**

Chemical Compositions	Requirements
Assay (as $F_2O_3$ , on 105°C dry basis)	$\geq 88.0\%$
Volatile Matter (105°C)	$\leq 1.0\%$
Water Soluble Matter	$\leq 0.5\%$
Oil Absorption Quantity	25-35g/100g
Relative Tinting Strength	95-105%
Residue on 45 $\mu$ m Sieve (325 Mesh Sieve)	$\leq 0.50\%$
Total Calcium Content (as CaO)	$\leq 0.30\%$
pH Value of Water Suspension	3.5 - 7

**5- Packing:** Packed in net 25KG plastic woven bag with PE liner.