

**TECHNICAL DATA SHEET****EA-1206 RED IRON OXIDE****Version: 1/2026****Date Revised: 04/08/2026****Date Issued: 09/18/1995**

INCI Name	Iron Oxides (Red)
CAS Numbers	1309-37-1
EINECS Numbers	215-168-2
CI Names	Pigment Red 101
CI Numbers	77491

**Heavy Metals Content**

Arsenic	not more than	3 ppm
Barium	not more than	50 ppm
Cadmium	not more than	1 ppm
Chromium	not more than	100 ppm
Copper	not more than	50 ppm
Lead	not more than	10 ppm
Mercury	not more than	1 ppm
Nickel	not more than	200 ppm
Zinc	not more than	100 ppm

**Chemical Properties**

Water Soluble Substances	Maximum 1%
Organic Color	Negative

**Particle Size Analysis**

Available Upon Request

**Microbiological Limits**

Combined count of less than 50 microorganisms per gram and the absence of gram negative bacteria.

**Shelf Life**

5 years (Sealed drums under ambient conditions)

**Regulatory**

Conforms to US CFR Title 21, Part 73 and European E-172 regulations for iron oxides