



260 Ryan Street
South Plainfield, NJ 07080
908.412.9292
908.412.9339 fax
colortechniques.com

TECHNICAL DATA SHEET

EA-1206 RED IRON OXIDE

Version: 2/2026

Date Revised: 09/09/2026

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	5 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