



Technical Data Sheet (TDS)

Red Iron Oxide

Product Information

INCI Name	CI Number	CAS Number
Iron Oxide Red	77491	1309-37-1

Physical Properties

Form:	Dry Powder
Appearance:	Matte Red Powder
Average Particle Size:	0.7µm (microns)
Water Soluble	0.05% max
Free Sulphur	0.05% max
Soluble Salts	1.00% max
Volatile Matter (2H @ 105°C)	1.00% max
Oil Absorption	34%
Specific Gravity	2.35%
Organic Colour Test	Pass

Heavy Metal Test

Parameters	Specifications	Results
Antimony	<10.00	Conforms
Arsenic	<3.00	Conforms
Barium	<50.00	Conforms
Cadmium	<1.00	Conforms
Chromium	<100.00	Conforms
Cobalt	<50.00	Conforms
Copper	<50.00	Conforms
Lead	<10.00	Conforms
Mercury	<1.00	Conforms
Nickel	<200.00	Conforms
Selenium	<15.00	Conforms
Zinc	<100.00	Conforms

Other Information

This colourant is compliant with Regulation (EC) No.1223/2009 (Annex IV)
This TDS is electronically generated and is therefore valid without a signature

All the information contained in this document is to the best of this company's knowledge true and accurate.
The user must determine from the information provided herein as to the suitability of this product in relation to their own particular use.

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