



The Soap Kitchen (2011) Ltd  
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## Certificate Of Analysis (COA)

RED IRON OXIDE	
C.A.S. No	1309-37-1
C.I. Number	Pigment Red 101 (77491)
Expiry Date	17/09/2027
Batch Number	190145

### PHYSICAL AND CHEMICAL PROPERTIES

<u>Parameter</u>	<u>Spec</u>	<u>Result</u>
Oil Absorption g/100g	13-30	15.4
Tapped Density	0.7-1.4	1.14
Moisture	0.8 max	0.24
pH	4.0-9.0	7.3
Assay (as Fe)	65 min	69.3
Water Soluble Salts	0.75 max	0.13
SSA	8.0-14.0	9.4

### HEAVY METALS

<u>Parameter</u>	<u>Spec</u>	<u>Result</u>
Arsenic (As) mg/kg	3 max	Pass
Barium (Ba) mg/kg	50 max	Pass
Cadmium (Cd) mg/kg	1 max	Pass
Cobalt (Co) mg/kg	.....	Pass
Chromium (Cr) mg/kg	100 max	Pass
Copper (Cu) mg/kg	50 max	Pass
Mercury (Hg) mg/kg	1 max	Pass
Nickel (Ni) mg/kg	200 max	Pass
Lead (Pb) mg/kg	10 max	Pass
Zinc (Zn) mg/kg	100 max	Pass

This colourant meets all the requirements of EU Regulation (EC) 1223/2009  
This colourant is compliant with Commission Regulation (EU) 231/2012

All the information in this document is to the best of this companies knowledge accurate.  
However it is the user's responsibility to satisfy themself as to the  
suitability of such information in relation to their own particular use.