

CERTIFICATE OF ANALYSIS

(Synthetic Iron Oxide)

Product Name: Iron Oxide Red UR190

CHEMICAL AND PHYSICAL ANALYSIS

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Properties	Unit	Specification	Value	Test method
Fe as Fe ₂ O ₃	%	≥96.0	96.1	ISO1248
Matter volatile at 105°C	%	≤1.0	0.85	ISO787-2
Water soluble salts	%	≤0.5	0.23	ISO787-3
PH value		4.5 ~7.5	4.7	ISO787-9
Residue on 320mesh	%	≤0.3	0.13	ISO787-7
Oil absorption	g/100g	15~25	19.7	ISO787-5
Conductivity	μs/cm	≤400	/	ISO787-14
Tinting strength vs standard	%	100±3	100.59	ISO55913
Color vs standard		Similar	Similar	ISO787-1