



# Laboratory Analytics

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## Synthetic Iron Oxide

<b>Product Name:</b>	IRON OXIDE BROWN DB610	<b>Lot N°:</b>	
<b>Date:</b>	Oct. 27 <sup>th</sup> , 2004	<b>Quantity:</b>	4.000 kg

### CHEMICAL AND PHYSICAL ANALYSIS

<b>Properties</b>	<b>Unit</b>	<b>Specification</b>	<b>Value</b>	<b>Test Method</b>
Fe as Fe <sub>2</sub> O <sub>3</sub>	%	≥ 88.0	89.1	ISO 1248
Matter volatile at 105°C	%	≤ 1.0	0.70	ISO 787-2
Loss on ignition (100°C, 1/2h)	%	≤		DIN 55913
Water soluble matter	%	≤ 0.3	0.22	ISO 787-3
Conductivity	μ s/cm			ISO 787-14
pH value		3↔7	4.0	ISO 787-9
Residue on 325 mesh	%	≤ 0.3	0.10	ISO 787-7
Oil absorption	g/100g	15↔25	26.1	ISO 787-5
Tinting Strength (compared with Standard)	%	95↔105	101.21	ISO 787-24
Color (compared with Standard)			SIMILAR	ISO 787-1