

# CERTIFICATE OF ANALYSIS

(Synthetic Iron Oxide )

IRON OXIDE BROWN UZ686

## CHEMICAL AND PHYSICAL ANALYSIS

Properties	Unit	Specification	Value	Test method
Fe as Fe <sub>2</sub> O <sub>3</sub>	%	≥88.0	88.1	ISO1248
Matter volatile at 105°C	%	≤1.0	0.95	ISO787-2
Water soluble salts	%	≤0.5	0.26	ISO787-3
PH value		3.5 ~7.5	6.7	ISO787-9
Residue on 320mesh	%	≤0.3	0.11	ISO787-7
Oil absorption	g/100g	20~30	23.5	ISO787-5
Conductivity	μs/cm	≤400	/	ISO787-14
Tinting strength vs standard	%	100±3	99.98	ISO55913
Color vs standard		Similar	Similar	ISO787-1