

Australian Iron Ore

Art. ID RRM-Fe-108-1KG
Unit 1 kg
Deliverydetails No Dangerous Good /not restricted

Description

Elements and Oxides determined as follows: Multi-element Iron Ore Suite - XRF fused disc analysis /// Loss on Ignition - Thermo Gravimetric Analysis

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Corrected for moisture according to ISO2596:20 06	Iron (Fe)	[7439-89-6]	52,78	%		
Corrected for moisture according to ISO2596:20 06	Iron (Fe) calculated		52,75	%		
Corrected for moisture according to ISO2596:20 06	SiO ₂		11,99	%		
Corrected for moisture according to ISO2596:20 06	Al ₂ O ₃		3,09	%		
Corrected for moisture according to ISO2596:20 06	TiO ₂		0,193	%		
Corrected for moisture according to ISO2596:20 06	CaO		0,067	%		
Corrected for moisture according to ISO2596:20 06	K ₂ O		0,032	%		
Corrected for moisture according to ISO2596:20 06	MgO	[1309-48-4]	0,175	%		
Corrected for moisture according to ISO2596:20 06	Manganese (Mn)	[7439-96-5]	0,134	%		
Corrected for moisture according to ISO2596:20	Phosphorus (P)	[7723-14-0]	0,042	%		

06	Corrected for moisture according to ISO2596:20	Sulfur (S)	[7704-34-9]	0,021	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (371 °C)		7,52	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (425 °C)		7,79	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (650 °C)		8,38	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (1000 °C)		8,55	%
06	Corrected for moisture according to ISO2596:20	Arsenic (As)	[7440-38-2]	0,014	%
06	Corrected for moisture according to ISO2596:20	Chlorine (Cl)	[7782-50-5]	0,004	%
06	Corrected for moisture according to ISO2596:20	Cobalt (Co)	[7440-48-4]	0,001	%
06	Corrected for moisture according to ISO2596:20	Copper (Cu)	[7440-50-8]	0,001	%
06	Corrected for moisture according to ISO2596:20	Lead (Pb)	[7439-92-1]	0,004	%
06	Corrected for moisture according to ISO2596:20	Zinc (Zn)	[7440-66-6]	0,007	%
06	Corrected for moisture according to ISO2596:20	Barium (Ba)	[7440-39-3]	0,002	%
06	Corrected for moisture	Chromium (Cr)	[7440-47-3]	0,009	%

according to ISO2596:20

06

Corrected for moisture	Nickel (Ni)	[7440-02-0]	0,003	%
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according to ISO2596:20

06

Corrected for moisture	Tin (Sn)	[7440-31-5]	0,001	%
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according to ISO2596:20

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Corrected for moisture	Strontium (Sr)	[7440-24-6]	-	%
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according to ISO2596:20

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Corrected for moisture	Vanadium (V)	[7440-62-2]	0,003	%
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according to ISO2596:20

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Corrected for moisture	Zirconium (Zr)	[7440-67-7]	0,019	%
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according to ISO2596:20

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Drying to constant mass	Iron (Fe)	[7439-89-6]	52,66	%
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Drying to constant mass	Iron (Fe) calculated		52,63	%
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Drying to constant mass	SiO ₂		11,82	%
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Drying to constant mass	Al ₂ O ₃		3,05	%
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Drying to constant mass	TiO ₂		0,194	%
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Drying to constant mass	CaO		0,063	%
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Drying to constant mass	K ₂ O		0,031	%
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Drying to constant mass	MgO	[1309-48-4]	0,172	%
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Drying to constant mass	Manganese (Mn)	[7439-96-5]	0,133	%
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Drying to constant mass	Phosphorus (P)	[7723-14-0]	0,043	%
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Drying to constant mass	Sulfur (S)	[7704-34-9]	0,021	%
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Drying to constant mass	Loss on Ignition (L.O.I) (371 °C)		7,81	%
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Drying to constant mass	Loss on Ignition (L.O.I) (425 °C)		8,14	%
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Drying to constant mass	Loss on Ignition (L.O.I) (650 °C)		8,67	%
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Drying to constant mass	Loss on Ignition (L.O.I) (1000 °C)		8,82	%
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Drying to constant mass	Arsenic (As)	[7440-38-2]	0,014	%
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Drying to constant mass	Chlorine (Cl)	[7782-50-5]	0,006	%
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Drying to constant mass	Cobalt (Co)	[7440-48-4]	0,001	%
Drying to constant mass	Copper (Cu)	[7440-50-8]	0,001	%
Drying to constant mass	Lead (Pb)	[7439-92-1]	0,005	%
Drying to constant mass	Zinc (Zn)	[7440-66-6]	0,009	%
Drying to constant mass	Barium (Ba)	[7440-39-3]	-	%
Drying to constant mass	Chromium (Cr)	[7440-47-3]	0,011	%
Drying to constant mass	Nickel (Ni)	[7440-02-0]	0,004	%
Drying to constant mass	Tin (Sn)	[7440-31-5]	0,002	%
Drying to constant mass	Strontium (Sr)	[7440-24-6]	0,001	%
Drying to constant mass	Vanadium (V)	[7440-62-2]	0,003	%
Drying to constant mass	Zirconium (Zr)	[7440-67-7]	0,021	%