

Australian Iron Ore

Art. ID RRM-Fe-117-1KG
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 ISO2596:2006	Iron (Fe)	[7439-89-6]	42,02	%		
Corrected for moisture according to ISO2596:2006	Iron (Fe) calculated		42,09	%		
Corrected for moisture according to ISO2596:2006	SiO ₂		16,28	%		
Corrected for moisture according to ISO2596:2006	Al ₂ O ₃		11,39	%		
Corrected for moisture according to ISO2596:2006	TiO ₂		1,07	%		
Corrected for moisture according to ISO2596:2006	CaO		0,155	%		
Corrected for moisture according to ISO2596:2006	K ₂ O		0,041	%		
Corrected for moisture according to ISO2596:2006	MgO	[1309-48-4]	0,271	%		
Corrected for moisture according to ISO2596:2006	Manganese (Mn)	[7439-96-5]	0,447	%		
Corrected for moisture according to ISO2596:2006	Phosphorus (P)	[7723-14-0]	0,028	%		

06	Corrected for moisture according to ISO2596:20	Sulfur (S)	[7704-34-9]	0,066	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (371 °C)		6,95	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (425 °C)		7,74	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (650 °C)		9,23	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (1000 °C)		9,62	%
06	Corrected for moisture according to ISO2596:20	Arsenic (As)	[7440-38-2]	0,005	%
06	Corrected for moisture according to ISO2596:20	Chlorine (Cl)	[7782-50-5]	0,009	%
06	Corrected for moisture according to ISO2596:20	Cobalt (Co)	[7440-48-4]	-	%
06	Corrected for moisture according to ISO2596:20	Copper (Cu)	[7440-50-8]	0,004	%
06	Corrected for moisture according to ISO2596:20	Lead (Pb)	[7439-92-1]	0,005	%
06	Corrected for moisture according to ISO2596:20	Zinc (Zn)	[7440-66-6]	0,002	%
06	Corrected for moisture according to ISO2596:20	Barium (Ba)	[7440-39-3]	0,037	%
06	Corrected for moisture	Chromium (Cr)	[7440-47-3]	0,012	%

according to ISO2596:20

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Corrected for moisture	Nickel (Ni)	[7440-02-0]	0,006	%
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according to ISO2596:20

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

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Corrected for moisture	Strontium (Sr)	[7440-24-6]	0,003	%
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according to ISO2596:20

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Corrected for moisture	Vanadium (V)	[7440-62-2]	0,018	%
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according to ISO2596:20

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Corrected for moisture	Zirconium (Zr)	[7440-67-7]	0,026	%
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according to ISO2596:20

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Drying to constant mass	Iron (Fe)	[7439-89-6]	41,81	%
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Drying to constant mass	Iron (Fe) calculated		41,86	%
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Drying to constant mass	SiO ₂		16,17	%
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Drying to constant mass	Al ₂ O ₃		11,22	%
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Drying to constant mass	TiO ₂		1,06	%
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Drying to constant mass	CaO		0,150	%
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Drying to constant mass	K ₂ O		0,040	%
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Drying to constant mass	MgO	[1309-48-4]	0,274	%
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Drying to constant mass	Manganese (Mn)	[7439-96-5]	0,443	%
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Drying to constant mass	Phosphorus (P)	[7723-14-0]	0,028	%
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Drying to constant mass	Sulfur (S)	[7704-34-9]	0,063	%
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Drying to constant mass	Loss on Ignition (L.O.I) (371 °C)		7,38	%
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Drying to constant mass	Loss on Ignition (L.O.I) (425 °C)		8,21	%
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Drying to constant mass	Loss on Ignition (L.O.I) (650 °C)		9,65	%
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Drying to constant mass	Loss on Ignition (L.O.I) (1000 °C)		10,2	%
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Drying to constant mass	Arsenic (As)	[7440-38-2]	0,006	%
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Drying to constant mass	Chlorine (Cl)	[7782-50-5]	0,011	%
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Drying to constant mass	Cobalt (Co)	[7440-48-4]	-	%
Drying to constant mass	Copper (Cu)	[7440-50-8]	0,006	%
Drying to constant mass	Lead (Pb)	[7439-92-1]	0,005	%
Drying to constant mass	Zinc (Zn)	[7440-66-6]	0,002	%
Drying to constant mass	Barium (Ba)	[7440-39-3]	0,034	%
Drying to constant mass	Chromium (Cr)	[7440-47-3]	0,014	%
Drying to constant mass	Nickel (Ni)	[7440-02-0]	0,009	%
Drying to constant mass	Tin (Sn)	[7440-31-5]	-	%
Drying to constant mass	Strontium (Sr)	[7440-24-6]	0,002	%
Drying to constant mass	Vanadium (V)	[7440-62-2]	0,019	%
Drying to constant mass	Zirconium (Zr)	[7440-67-7]	0,026	%