

Australian Iron Ore

Art. ID RRM-Fe-115-1KG
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]	43,83	%		
Corrected for moisture according to ISO2596:20 06	Iron (Fe) calculated		43,21	%		
Corrected for moisture according to ISO2596:20 06	SiO ₂		17,29	%		
Corrected for moisture according to ISO2596:20 06	Al ₂ O ₃		9,88	%		
Corrected for moisture according to ISO2596:20 06	TiO ₂		0,909	%		
Corrected for moisture according to ISO2596:20 06	CaO		0,136	%		
Corrected for moisture according to ISO2596:20 06	K ₂ O		0,036	%		
Corrected for moisture according to ISO2596:20 06	MgO	[1309-48-4]	0,239	%		
Corrected for moisture according to ISO2596:20 06	Manganese (Mn)	[7439-96-5]	0,399	%		
Corrected for moisture according to ISO2596:20	Phosphorus (P)	[7723-14-0]	0,031	%		

06	Corrected for moisture according to ISO2596:20	Sulfur (S)	[7704-34-9]	0,064	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (371 °C)		6,60	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (425 °C)		7,24	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (650 °C)		8,68	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (1000 °C)		8,75	%
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]	0,006	%
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]	0,010	%
06	Corrected for moisture according to ISO2596:20	Lead (Pb)	[7439-92-1]	0,008	%
06	Corrected for moisture according to ISO2596:20	Zinc (Zn)	[7440-66-6]	0,003	%
06	Corrected for moisture according to ISO2596:20	Barium (Ba)	[7440-39-3]	0,030	%
06	Corrected for moisture	Chromium (Cr)	[7440-47-3]	0,017	%

according to ISO2596:20

06

Corrected for moisture	Nickel (Ni)	[7440-02-0]	0,012	%
------------------------	-------------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Tin (Sn)	[7440-31-5]	0,001	%
------------------------	----------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Strontium (Sr)	[7440-24-6]	0,002	%
------------------------	----------------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Vanadium (V)	[7440-62-2]	0,017	%
------------------------	--------------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Zirconium (Zr)	[7440-67-7]	0,024	%
------------------------	----------------	-------------	-------	---

according to ISO2596:20

06

Drying to constant mass	Iron (Fe)	[7439-89-6]	43,34	%
-------------------------	-----------	-------------	-------	---

Drying to constant mass	Iron (Fe) calculated		43,06	%
-------------------------	----------------------	--	-------	---

Drying to constant mass	SiO ₂		17,10	%
-------------------------	------------------	--	-------	---

Drying to constant mass	Al ₂ O ₃		9,74	%
-------------------------	--------------------------------	--	------	---

Drying to constant mass	TiO ₂		0,900	%
-------------------------	------------------	--	-------	---

Drying to constant mass	CaO		0,130	%
-------------------------	-----	--	-------	---

Drying to constant mass	K ₂ O		0,035	%
-------------------------	------------------	--	-------	---

Drying to constant mass	MgO	[1309-48-4]	0,241	%
-------------------------	-----	-------------	-------	---

Drying to constant mass	Manganese (Mn)	[7439-96-5]	0,393	%
-------------------------	----------------	-------------	-------	---

Drying to constant mass	Phosphorus (P)	[7723-14-0]	0,032	%
-------------------------	----------------	-------------	-------	---

Drying to constant mass	Sulfur (S)	[7704-34-9]	0,062	%
-------------------------	------------	-------------	-------	---

Drying to constant mass	Loss on Ignition (L.O.I) (371 °C)		7,03	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (425 °C)		7,66	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (650 °C)		9,07	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (1000 °C)		9,23	%
-------------------------	--	--	------	---

Drying to constant mass	Arsenic (As)	[7440-38-2]	0,005	%
-------------------------	--------------	-------------	-------	---

Drying to constant mass	Chlorine (Cl)	[7782-50-5]	0,009	%
-------------------------	---------------	-------------	-------	---

Drying to constant mass	Cobalt (Co)	[7440-48-4]	0,001	%
Drying to constant mass	Copper (Cu)	[7440-50-8]	0,011	%
Drying to constant mass	Lead (Pb)	[7439-92-1]	0,008	%
Drying to constant mass	Zinc (Zn)	[7440-66-6]	0,004	%
Drying to constant mass	Barium (Ba)	[7440-39-3]	0,029	%
Drying to constant mass	Chromium (Cr)	[7440-47-3]	0,018	%
Drying to constant mass	Nickel (Ni)	[7440-02-0]	0,013	%
Drying to constant mass	Tin (Sn)	[7440-31-5]	0,001	%
Drying to constant mass	Strontium (Sr)	[7440-24-6]	0,002	%
Drying to constant mass	Vanadium (V)	[7440-62-2]	0,016	%
Drying to constant mass	Zirconium (Zr)	[7440-67-7]	0,026	%