

Australian Iron Ore

Art. ID RRM-Fe-102-1KG
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]	57,07	%		
Corrected for moisture according to ISO2596:20 06	Iron (Fe) calculated		57,11	%		
Corrected for moisture according to ISO2596:20 06	SiO ₂		6,20	%		
Corrected for moisture according to ISO2596:20 06	Al ₂ O ₃		2,75	%		
Corrected for moisture according to ISO2596:20 06	TiO ₂		0,101	%		
Corrected for moisture according to ISO2596:20 06	CaO		0,168	%		
Corrected for moisture according to ISO2596:20 06	K ₂ O		0,033	%		
Corrected for moisture according to ISO2596:20 06	MgO	[1309-48-4]	0,167	%		
Corrected for moisture according to ISO2596:20 06	Manganese (Mn)	[7439-96-5]	0,590	%		
Corrected for moisture according to ISO2596:20	Phosphorus (P)	[7723-14-0]	0,048	%		

06	Corrected for moisture according to ISO2596:20	Sulfur (S)	[7704-34-9]	0,037	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (371 °C)		6,77	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (425 °C)		6,98	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (650 °C)		7,50	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (1000 °C)		7,76	%
06	Corrected for moisture according to ISO2596:20	Arsenic (As)	[7440-38-2]	0,006	%
06	Corrected for moisture according to ISO2596:20	Chlorine (Cl)	[7782-50-5]	0,018	%
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]	0,002	%
06	Corrected for moisture according to ISO2596:20	Lead (Pb)	[7439-92-1]	0,006	%
06	Corrected for moisture according to ISO2596:20	Zinc (Zn)	[7440-66-6]	0,006	%
06	Corrected for moisture according to ISO2596:20	Barium (Ba)	[7440-39-3]	0,006	%
06	Corrected for moisture	Chromium (Cr)	[7440-47-3]	0,005	%

according to ISO2596:20

06

Corrected for moisture	Nickel (Ni)	[7440-02-0]	0,003	%
------------------------	-------------	-------------	-------	---

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]	0,001	%
------------------------	----------------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Vanadium (V)	[7440-62-2]	0,002	%
------------------------	--------------	-------------	-------	---

according to ISO2596:20

06

Corrected for moisture	Zirconium (Zr)	[7440-67-7]	0,023	%
------------------------	----------------	-------------	-------	---

according to ISO2596:20

06

Drying to constant mass	Iron (Fe)	[7439-89-6]	56,91	%
-------------------------	-----------	-------------	-------	---

Drying to constant mass	Iron (Fe) calculated		56,96	%
-------------------------	----------------------	--	-------	---

Drying to constant mass	SiO ₂		6,16	%
-------------------------	------------------	--	------	---

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

Drying to constant mass	TiO ₂		0,102	%
-------------------------	------------------	--	-------	---

Drying to constant mass	CaO		0,166	%
-------------------------	-----	--	-------	---

Drying to constant mass	K ₂ O		0,034	%
-------------------------	------------------	--	-------	---

Drying to constant mass	MgO	[1309-48-4]	0,172	%
-------------------------	-----	-------------	-------	---

Drying to constant mass	Manganese (Mn)	[7439-96-5]	0,588	%
-------------------------	----------------	-------------	-------	---

Drying to constant mass	Phosphorus (P)	[7723-14-0]	0,048	%
-------------------------	----------------	-------------	-------	---

Drying to constant mass	Sulfur (S)	[7704-34-9]	0,034	%
-------------------------	------------	-------------	-------	---

Drying to constant mass	Loss on Ignition (L.O.I) (371 °C)		6,95	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (425 °C)		7,22	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (650 °C)		7,73	%
-------------------------	---------------------------------------	--	------	---

Drying to constant mass	Loss on Ignition (L.O.I) (1000 °C)		8,05	%
-------------------------	--	--	------	---

Drying to constant mass	Arsenic (As)	[7440-38-2]	0,007	%
-------------------------	--------------	-------------	-------	---

Drying to constant mass	Chlorine (Cl)	[7782-50-5]	0,019	%
-------------------------	---------------	-------------	-------	---

Drying to constant mass	Cobalt (Co)	[7440-48-4]	0,003	%
Drying to constant mass	Copper (Cu)	[7440-50-8]	0,003	%
Drying to constant mass	Lead (Pb)	[7439-92-1]	0,007	%
Drying to constant mass	Zinc (Zn)	[7440-66-6]	0,007	%
Drying to constant mass	Barium (Ba)	[7440-39-3]	0,009	%
Drying to constant mass	Chromium (Cr)	[7440-47-3]	0,006	%
Drying to constant mass	Nickel (Ni)	[7440-02-0]	0,005	%
Drying to constant mass	Tin (Sn)	[7440-31-5]	0,002	%
Drying to constant mass	Strontium (Sr)	[7440-24-6]	0,002	%
Drying to constant mass	Vanadium (V)	[7440-62-2]	0,003	%
Drying to constant mass	Zirconium (Zr)	[7440-67-7]	0,025	%