

## **Australian Iron Ore**

Art. ID RRM-Fe-107-1KG  
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]	49,43	%		
Corrected for moisture according to ISO2596:2006	Iron (Fe) calculated		48,80	%		
Corrected for moisture according to ISO2596:2006	SiO <sub>2</sub>		22,32	%		
Corrected for moisture according to ISO2596:2006	Al <sub>2</sub> O <sub>3</sub>		2,06	%		
Corrected for moisture according to ISO2596:2006	TiO <sub>2</sub>		0,102	%		
Corrected for moisture according to ISO2596:2006	CaO		0,053	%		
Corrected for moisture according to ISO2596:2006	K <sub>2</sub> O		0,027	%		
Corrected for moisture according to ISO2596:2006	MgO	[1309-48-4]	0,081	%		
Corrected for moisture according to ISO2596:2006	Manganese (Mn)	[7439-96-5]	0,080	%		
Corrected for moisture according to ISO2596:2006	Phosphorus (P)	[7723-14-0]	0,057	%		

06	Corrected for moisture according to ISO2596:20	Sulfur (S)	[7704-34-9]	0,046	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (371 °C)		4,45	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (425 °C)		4,64	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (650 °C)		4,99	%
06	Corrected for moisture according to ISO2596:20	Loss on Ignition (L.O.I .) (1000 °C)		5,05	%
06	Corrected for moisture according to ISO2596:20	Arsenic (As)	[7440-38-2]	0,003	%
06	Corrected for moisture according to ISO2596:20	Chlorine (Cl)	[7782-50-5]	0,002	%
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]	0,004	%
06	Corrected for moisture according to ISO2596:20	Lead (Pb)	[7439-92-1]	0,013	%
06	Corrected for moisture according to ISO2596:20	Zinc (Zn)	[7440-66-6]	0,017	%
06	Corrected for moisture according to ISO2596:20	Barium (Ba)	[7440-39-3]	-	%
06	Corrected for moisture	Chromium (Cr)	[7440-47-3]	0,031	%

according to ISO2596:20

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Corrected for moisture	Nickel (Ni)	[7440-02-0]	0,002	%
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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]	0,001	%
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according to ISO2596:20

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Corrected for moisture	Vanadium (V)	[7440-62-2]	0,001	%
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according to ISO2596:20

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Corrected for moisture	Zirconium (Zr)	[7440-67-7]	0,051	%
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according to ISO2596:20

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Drying to constant mass	Iron (Fe)	[7439-89-6]	49,21	%
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Drying to constant mass	Iron (Fe) calculated		48,84	%
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Drying to constant mass	SiO <sub>2</sub>		22,11	%
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Drying to constant mass	Al <sub>2</sub> O <sub>3</sub>		2,03	%
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Drying to constant mass	TiO <sub>2</sub>		0,104	%
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Drying to constant mass	CaO		0,049	%
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Drying to constant mass	K <sub>2</sub> O		0,026	%
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Drying to constant mass	MgO	[1309-48-4]	0,077	%
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Drying to constant mass	Manganese (Mn)	[7439-96-5]	0,081	%
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Drying to constant mass	Phosphorus (P)	[7723-14-0]	0,057	%
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Drying to constant mass	Sulfur (S)	[7704-34-9]	0,043	%
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Drying to constant mass	Loss on Ignition (L.O.I ) (371 °C)		4,63	%
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Drying to constant mass	Loss on Ignition (L.O.I ) (425 °C)		4,80	%
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Drying to constant mass	Loss on Ignition (L.O.I ) (650 °C)		5,22	%
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Drying to constant mass	Loss on Ignition (L.O.I ) (1000 °C)		5,25	%
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Drying to constant mass	Arsenic (As)	[7440-38-2]	0,002	%
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Drying to constant mass	Chlorine (Cl)	[7782-50-5]	0,004	%
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Drying to constant mass	Cobalt (Co)	[7440-48-4]	0,001	%
Drying to constant mass	Copper (Cu)	[7440-50-8]	0,003	%
Drying to constant mass	Lead (Pb)	[7439-92-1]	0,013	%
Drying to constant mass	Zinc (Zn)	[7440-66-6]	0,016	%
Drying to constant mass	Barium (Ba)	[7440-39-3]	0,003	%
Drying to constant mass	Chromium (Cr)	[7440-47-3]	0,032	%
Drying to constant mass	Nickel (Ni)	[7440-02-0]	0,003	%
Drying to constant mass	Tin (Sn)	[7440-31-5]	0,001	%
Drying to constant mass	Strontium (Sr)	[7440-24-6]	0,001	%
Drying to constant mass	Vanadium (V)	[7440-62-2]	0,002	%
Drying to constant mass	Zirconium (Zr)	[7440-67-7]	0,051	%