

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 ISO2596:2006 | Iron (Fe) | [7439-89-6] | 43,83 | % | | |
| Corrected for moisture according to ISO2596:2006 | Iron (Fe) calculated | | 43,21 | % | | |
| Corrected for moisture according to ISO2596:2006 | SiO ₂ | | 17,29 | % | | |
| Corrected for moisture according to ISO2596:2006 | Al ₂ O ₃ | | 9,88 | % | | |
| Corrected for moisture according to ISO2596:2006 | TiO ₂ | | 0,909 | % | | |
| Corrected for moisture according to ISO2596:2006 | CaO | | 0,136 | % | | |
| Corrected for moisture according to ISO2596:2006 | K ₂ O | | 0,036 | % | | |
| Corrected for moisture according to ISO2596:2006 | MgO | [1309-48-4] | 0,239 | % | | |
| Corrected for moisture according to ISO2596:2006 | Manganese (Mn) | [7439-96-5] | 0,399 | % | | |
| Corrected for moisture according to ISO2596:2006 | Phosphorus (P) | [7723-14-0] | 0,031 | % | | |

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|----|--|--------------------------------------|-------------|-------|---|
| 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

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|------------------------|-------------|-------------|-------|---|
| Corrected for moisture | Nickel (Ni) | [7440-02-0] | 0,012 | % |
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according to ISO2596:20

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|------------------------|----------|-------------|-------|---|
| 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] | 0,002 | % |
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according to ISO2596:20

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|------------------------|--------------|-------------|-------|---|
| Corrected for moisture | Vanadium (V) | [7440-62-2] | 0,017 | % |
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according to ISO2596:20

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

according to ISO2596:20

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| Drying to constant mass | Iron (Fe) | [7439-89-6] | 43,34 | % |
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|-------------------------|----------------------|--|-------|---|
| Drying to constant mass | Iron (Fe) calculated | | 43,06 | % |
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| Drying to constant mass | SiO ₂ | | 17,10 | % |
|-------------------------|------------------|--|-------|---|

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| Drying to constant mass | Al ₂ O ₃ | | 9,74 | % |
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|-------------------------|------------------|--|-------|---|
| Drying to constant mass | TiO ₂ | | 0,900 | % |
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| Drying to constant mass | CaO | | 0,130 | % |
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| Drying to constant mass | K ₂ O | | 0,035 | % |
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|-------------------------|-----|-------------|-------|---|
| Drying to constant mass | MgO | [1309-48-4] | 0,241 | % |
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| Drying to constant mass | Manganese (Mn) | [7439-96-5] | 0,393 | % |
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|-------------------------|----------------|-------------|-------|---|
| Drying to constant mass | Phosphorus (P) | [7723-14-0] | 0,032 | % |
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|-------------------------|------------|-------------|-------|---|
| Drying to constant mass | Sulfur (S) | [7704-34-9] | 0,062 | % |
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| Drying to constant mass | Loss on Ignition (L.O.I) (371 °C) | | 7,03 | % |
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| Drying to constant mass | Loss on Ignition (L.O.I) (425 °C) | | 7,66 | % |
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| Drying to constant mass | Loss on Ignition (L.O.I) (650 °C) | | 9,07 | % |
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| Drying to constant mass | Loss on Ignition (L.O.I) (1000 °C) | | 9,23 | % |
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| Drying to constant mass | Arsenic (As) | [7440-38-2] | 0,005 | % |
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| Drying to constant mass | Chlorine (Cl) | [7782-50-5] | 0,009 | % |
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|-------------------------|----------------|-------------|-------|---|
| Drying to constant mass | Cobalt (Co) | [7440-48-4] | 0,001 | % |
| Drying to constant mass | Copper (Cu) | [7440-50-8] | 0,011 | % |
| 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 | % |