

Certified Reference Material for Carbon-Molybdenum Steel, C-0.5Mo, 4419, Low Alloy Steel Disc 39mm D x ~7mm XRF CUT

Art. ID BS-3952-7MM
Unit disc
Deliverydetails No Dangerous Good /not restricted

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
| Certified Value | Aluminium (Al) | [7429-90-5] | 0,048 ± 0,002 | % | | |
| Certified Value | Boron (B) | [7440-42-8] | 0,0003 ± 0,0001 | % | | |
| Certified Value | Carbon (C) | [7440-44-0] | 0,208 ± 0,006 | % | | |
| Certified Value | Chromium (Cr) | [7440-47-3] | 0,104 ± 0,003 | % | | |
| Certified Value | Copper (Cu) | [7440-50-8] | 0,201 ± 0,006 | % | | |
| Certified Value | Iron (Fe) | [7439-89-6] | 98 ± 0,2 | % | | |
| Certified Value | Manganese (Mn) | [7439-96-5] | 0,543 ± 0,008 | % | | |
| Certified Value | Molybdenum (Mo) | [7439-98-7] | 0,525 ± 0,007 | % | | |
| Certified Value | Nitrogen (N) | [7727-37-9] | 0,0006 ± 0,0003 | % | | |
| Certified Value | Nickel (Ni) | [7440-02-0] | 0,111 ± 0,004 | % | | |
| Certified Value | Phosphorus (P) | [7723-14-0] | 0,011 ± 0,001 | % | | |
| Certified Value | Sulfur (S) | [7704-34-9] | 0,021 ± 0,002 | % | | |
| Certified Value | Antimony (Sb) | [7440-36-0] | 0,0034 ± 0,0009 | % | | |
| Certified Value | Silicon (Si) | [7440-21-3] | 0,263 ± 0,007 | % | | |
| Certified Value | Vanadium (V) | [7440-62-2] | 0,0014 ± 0,0005 | % | | |
| Reference Value | Arsenic (As) | [7440-38-2] | <0,005 | % | | |
| Reference Value | Calcium (Ca) | [7440-70-2] | <0,005 | % | | |
| Reference Value | Cobalt (Co) | [7440-48-4] | 0,003 ± 0,001 | % | | |
| Reference Value | Magnesium (Mg) | [7439-95-4] | 0,00008 ± 0,00003 | % | | |
| Reference Value | Tin (Sn) | [7440-31-5] | 0,0009 ± 0,0005 | % | | |
| Reference Value | Tantalum (Ta) | [7440-25-7] | 0,003 ± 0,002 | % | | |
| Reference Value | Titanium (Ti) | [7440-32-6] | 0,002 ± 0,001 | % | | |