

**Certified reference material (CRM) - Matrix Fe, 42CrMo4, Werkstoff 1.7225, 40 mm x 40 mm**

Art. ID TAZ-002a  
Unit zylinder  
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
certified value	Carbon (C)	[7440-44-0]	0,42 ± 0,009	%		
certified value	Silicon (Si)	[7440-21-3]	0,222 ± 0,004	%		
certified value	Manganese (Mn)	[7439-96-5]	0,732 ± 0,009	%		
certified value	Phosphorus (P)	[7723-14-0]	0,0125 ± 0,0009	%		
certified value	Sulfur (S)	[7704-34-9]	0,0263 ± 0,0022	%		
certified value	Chromium (Cr)	[7440-47-3]	1,118 ± 0,013	%		
certified value	Molybdenum (Mo)	[7439-98-7]	0,183 ± 0,006	%		
certified value	Nickel (Ni)	[7440-02-0]	0,0227 ± 0,0014	%		
certified value	Aluminium (Al)	[7429-90-5]	0,0272 ± 0,0015	%		
certified value	Copper (Cu)	[7440-50-8]	0,0168 ± 0,0012	%		
certified value	Cobalt (Co)	[7440-48-4]	50 ± 11	µg/g		
certified value	Titanium (Ti)	[7440-32-6]	44,5 ± 3	µg/g		
certified value	Vanadium (V)	[7440-62-2]	40 ± 3	µg/g		
certified value	Arsenic (As)	[7440-38-2]	45 ± 9	µg/g		
certified value	Calcium (Ca)	[7440-70-2]	8 ± 2	µg/g		
informational value	Niobium (Nb)	[7440-03-1]	<50	µg/g		
informational value	Tungsten (W)	[7440-33-7]	<50	µg/g		
informational value	Tin (Sn)	[7440-31-5]	~15	µg/g		
informational value	Zirconium (Zr)	[7440-67-7]	<20	µg/g		
informational value	Antimony (Sb)	[7440-36-0]	<20	µg/g		
informational value	Selenium (Se)	[7782-49-2]	<50	µg/g		
informational value	Boron (B)	[7440-42-8]	~7	µg/g		
informational value	Zinc (Zn)	[7440-66-6]	<20	µg/g		
informational value	Lanthanum (La)	[7439-91-0]	<20	µg/g		
informational value	Silver (Ag)	[7440-22-4]	<20	µg/g		
informational value	Nitrogen (N)	[7727-37-9]	~27	µg/g		