

## **Ferrochrome Powder, Certified Reference Material**

Art. ID	IARM-FCrP-20
Unit	100 g (powder)
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Carbon (C)	[7440-44-0]	8,6 ± 0,2	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,036 ± 0,005	%		
Certified Value	Chromium (Cr)	[7440-47-3]	68,8 ± 0,6	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,004 ± 0,0004	%		
Certified Value	Iron (Fe)	[7439-89-6]	20,6 ± 0,4	%		
Certified Value	Magnesium (Mg)	[7439-95-4]	0,12 ± 0,02	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,12 ± 0,02	%		
Certified Value	Nitrogen (N)	[7727-37-9]	0,013 ± 0,005	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,32 ± 0,04	%		
Certified Value	Oxygen (O)	[7782-44-7]	0,43 ± 0,05	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,019 ± 0,005	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,027 ± 0,005	%		
Certified Value	Silicon (Si)	[7440-21-3]	0,33 ± 0,03	%		
Indicative Value	Aluminium (Al)	[7429-90-5]	~400	ppm		
Indicative Value	Arsenic (As)	[7440-38-2]	~30	ppm		
Indicative Value	Boron (B)	[7440-42-8]	~24	ppm		
Indicative Value	Calcium (Ca)	[7440-70-2]	~300	ppm		
Indicative Value	Gallium (Ga)	[7440-55-3]	<20	ppm		
Indicative Value	Hydrogen (H)	[1333-74-0]	~27	ppm		
Indicative Value	Hafnium (Hf)	[7440-58-6]	<6	ppm		
Indicative Value	Potassium (K)	[7440-09-7]	<50	ppm		
Indicative Value	Molybdenum (Mo)	[7439-98-7]	~20	ppm		
Indicative Value	Niobium (Nb)	[7440-03-1]	~4	ppm		
Indicative Value	Lead (Pb)	[7439-92-1]	<10	ppm		
Indicative Value	Rubidium (Rb)	[7440-17-7]	<10	ppm		
Indicative Value	Selenium (Se)	[7782-49-2]	<200	ppm		
Indicative Value	Tin (Sn)	[7440-31-5]	<1	ppm		
Indicative Value	Tantalum (Ta)	[7440-25-7]	<2	ppm		
Indicative Value	Titanium (Ti)	[7440-32-6]	~200	ppm		
Indicative Value	Vanadium (V)	[7440-62-2]	~900	ppm		
Indicative Value	Tungsten (W)	[7440-33-7]	~60	ppm		

Indicative Value	Zinc (Zn)	[7440-66-6]	<10	ppm
Indicative Value	Zirconium (Zr)	[7440-67-7]	<13	ppm