

Iron base, Steel - CRM, Stainless Steel 17-4PH / UNS S17400, Chips 100 g

Art. ID IARM-FE174PH-18-C
Unit 100 g (chips)
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Aluminium (Al)	[7429-90-5]	0,007 ± 0,002	%		
Certified Value	Carbon (C)	[7440-44-0]	0,041 ± 0,002	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,047 ± 0,001	%		
Certified Value	Chromium (Cr)	[7440-47-3]	15,10 ± 0,04	%		
Certified Value	Copper (Cu)	[7440-50-8]	3,33 ± 0,04	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,47 ± 0,01	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,315 ± 0,004	%		
Certified Value	Nitrogen (N)	[7727-37-9]	0,0436 ± 0,0008	%		
Certified Value	Niobium (Nb)	[7440-03-1]	0,285 ± 0,006	%		
Certified Value	Nickel (Ni)	[7440-02-0]	4,73 ± 0,05	%		
Certified Value	Oxygen (O)	[7782-44-7]	0,0035 ± 0,0008	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,024 ± 0,003	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,52 ± 0,01	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,008 ± 0,001	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,051 ± 0,002	%		
Certified Value	Tungsten (W)	[7440-33-7]	0,015 ± 0,004	%		
Indicative Value	Arsenic (As)	[7440-38-2]	<100	ppm		
Indicative Value	Boron (B)	[7440-42-8]	<50	ppm		
Indicative Value	Bismuth (Bi)	[7440-69-9]	<60	ppm		
Indicative Value	Calcium (Ca)	[7440-70-2]	<50	ppm		
Indicative Value	Cadmium (Cd)	[7440-43-9]	<50	ppm		
Indicative Value	Iron (Fe)	[7439-89-6]	~75,1	%		
Indicative Value	Hydrogen (H)	[1333-74-0]	~10	ppm		
Indicative Value	Hafnium (Hf)	[7440-58-6]	<10	ppm		
Indicative Value	Magnesium (Mg)	[7439-95-4]	<60	ppm		
Indicative Value	Lead (Pb)	[7439-92-1]	<50	ppm		
Indicative Value	Palladium (Pd)	[7440-05-3]	<10	ppm		
Indicative Value	Sulfur (S)	[7704-34-9]	<40	ppm		
Indicative Value	Antimony (Sb)	[7440-36-0]	<100	ppm		
Indicative Value	Selenium (Se)	[7782-49-2]	<50	ppm		
Indicative Value	Tantalum (Ta)	[7440-25-7]	~3	ppm		

Indicative Value	Titanium (Ti)	[7440-32-6]	<60	ppm
Indicative Value	Yttrium (Y)	[7440-65-5]	<10	ppm
Indicative Value	Zinc (Zn)	[7440-66-6]	<50	ppm
Indicative Value	Zirconium (Zr)	[7440-67-7]	<30	ppm
	Aluminium (Al)	[7429-90-5]	0,007	%
	Carbon (C)	[7440-44-0]	0,041	%
	Cobalt (Co)	[7440-48-4]	0,047	%
	Chromium (Cr)	[7440-47-3]	15,1	%
	Copper (Cu)	[7440-50-8]	3,33	%
	Manganese (Mn)	[7439-96-5]	0,47	%
	Molybdenum (Mo)	[7439-98-7]	0,315	%
	Nitrogen (N)	[7727-37-9]	0,0436	%
	Niobium (Nb)	[7440-03-1]	0,285	%
	Nickel (Ni)	[7440-02-0]	4,73	%
	Oxygen (O)	[7782-44-7]	0,0035	%
	Phosphorus (P)	[7723-14-0]	0,024	%
	Sulfur (S)	[7704-34-9]	~<0,0040	%
	Silicon (Si)	[7440-21-3]	0,52	%
	Tin (Sn)	[7440-31-5]	0,008	%
	Vanadium (V)	[7440-62-2]	0,051	%
	Tungsten (W)	[7440-33-7]	0,015	%