

All calibration standards are always subject to our final confirmation since the values may vary due to new lots.

Alle Kalibrationsstandards müssen von uns endgültig bestätigt werden, da die Werte der Chargen variieren können.

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Calibration Standards / Kalibrationsstandards

92511-xxxx – Coal / Kohle 50 g



S-Range / S-Bereich	S %	Item number / Artikelnummer	Lot	
0.1 - 0.5% S	0.38	92511-3010	700113	
0.5 - 1.0% S	0.75	92511-3020	021213	
1.0 - 1.5% S	1.09	92511-3030	704413	
1.5 - 2.0% S	1.91	92511-3040	726411	
2.0 - 3.0% S	2.37	92511-3050	707812	
3.0 - 4.0% S	3.79	92511-3060	709714	
4.0 - 5.0% S	4.67	92511-3070	20130429B	
> 5.0% S	10.1	92511-3080	20130429C	

92550-xxxx – Coal premium / Kohle Premium 50 g

NEW

S-Range / S-Bereich	S %	C %	H %	Ash %	Volatile %	Item number / Artikelnummer	Lot	
< 1% S	0.79	66.99	3.85	22.42	21.60	92550-3020	776714	
1.0 - 3.0% S	1.91	67.68	3.97	17.98	26.33	92550-3040	781411	
> 3% S	6.18	60.65	4.38	12.53	38.96	92550-3060	782614	

92560-xxxx – Coke premium / Koks Premium 50 g

NEW

S-Range / S-Bereich	S %	C %	H %	Volatile %	Item number / Artikelnummer	Lot	
< 1% S	0.77	88.69	<0.1	0.47	92560-3010	772914	

92400-30xx/yyy – Steel, chips / Stahlspäne
92400-30xx/yyy – Cast Iron, chips / Gusseisenspäne



100 g / 150 g **NEW**

C-Range / C-Bereich	Weight / Gewicht	C %	S %	Item number / Artikelnummer	Lot
Steel, chips / Stahlspäne					
< 0.001 % C	100 g	0.0004	0.0017	92400-3010	/001 611E
0.001 - 0.01% C	150 g	0.0029	0.0043	92400-3020	/003 312A
	100 g	0.0012	0.0015	92400-3020	/002 20130604B
0.01 – 0.05% C	150 g	0.0137	0.027	92400-3030	/003 82206
0.05 – 0.1% C	150 g	0.055	0.0103	92400-3040	/007 1012B
0.1-0.2% C	100 g	0.109	0.0243	92400-3050	/002 20130604E
	100 g	0.163	0.013	92400-3050	/003 20130604F
	100 g	0.127	0.0145	92400-3050	/005 20130606A
	100 g	0.177	0.0018	92400-3050	/008 20130607D
	100 g	0.156	0.0149	92400-3050	/010 20130611C
	100 g	0.155	0.023	92400-3050	/011 20130607H
	150 g	0.147	0.027	92400-3050	/012 711A
	150 g	0.182	0.037	92400-3050	/013 814F
0.2 - 0.5% C	150 g	0.470	0.021	92400-3060	/009 120308
	100 g	0.372	0.0078	92400-3060	/003 20130611B
	100 g	0.352	0.0094	92400-3060	/008 20131120A
0.5 - 1.0% C	150g	0.927	0.011	92400-3070	/004 75165
	150 g	0.506	0.078	92400-3070	/003 313A
	100 g	0.975	0.0094	92400-3070	/002 20131210A
Cast Iron, chips / Gusseisenspäne					
2.0 - 3.0% C	150 g	1.99	0.0162	92400-3090	/004 514D
	150 g	2.02	0.018	92400-3090	/003 1111C
	100 g	2.13	0.014	92400-3090	/002 20131204A
3.0 - 5.0% C	150 g	4.23	0.014	92400-3100	/006 062200
	150 g	4.02	0.026	92400-3100	/007 314C
	150 g	3.94	0.022	92400-3100	/008 811A
	100 g	3.39	0.044	92400-3100	/005 20131203A

92400-40xx/yyy – Steel, chips / Stahlspäne
 150 g

NEW

S-Range / S-Bereich	C %	S %	Item number / Artikelnummer	Lot
ca. 0.1 % S	0.179	0.104	92400-4010	1013D
ca. 0.3 % S	0.474	0.288	92400-4020	113A

91900-xxxx – Ore / Erz
 30 g

NEW

S-Range / S-Bereich	C %	S %	Item number / Artikelnummer	Lot
ca. 1.4 % S	1.38	1.44	91900-1001	514A
ca. 4.2 % S	4.19	4.07	91900-1002	411B

91100-xxxx – Steel, pins / Stahl, Pins (N)
 100 pins – 1 g each / 100 Pins á 1 g


N-Range / N-Bereich	N ppm	O ppm	Item number / Artikelnummer	Lot
20 – 40 ppm N	20	6	91100-1001	714A
30 – 70 ppm N	58	50	91100-1002	614A
150 – 250 ppm N	214	39	91100-1003	314B*
50 – 80 ppm N	57	112	91100-1004	914F
300 – 600 ppm N	540	37	91100-1005	413A
80 – 150 ppm N	121	238	91100-1006	214B
70-130 ppm N	104	98	91100-1007	1014A

91400-xxxx – Steel, pins / Stahl, Pins (H) (for / für ONH 2000 / OH 900)
 100 pins – 1 g each / 100 Pins á 1 g

H-Range / H-Bereich	H ppm	Item number / Artikelnummer	Lot
0.5 – 1 ppm H	0.83	91400-1001	512B
1.5 – 4 ppm H	2.4	91400-1002	1013A

91110 – Steel, balls/ Stahl, Kugeln (for / für H 500)
100 balls, gold plated – 1 g each /
100 Kugeln mit Goldbeschichtung á 1 g

H ppm	Item number / Artikelnummer	Lot
1.90	91110	20130729A

92811-xxxx – Cement / Zement
100 g

SO ₃ -Range / SO ₃ -Bereich	Item number / Artikelnummer	Lot
0 – 2.0% S	92811-3010	20130422A
2.0 – 4.0% S	92811-3020	20130626A

91000/yyy – Copper, pins / Kupfer, Pins
100 pins – 1 g each / 100 Pins á 1 g



O ppm	S ppm	Item number / Artikelnummer	Lot
176	5	91000 /047	558801
185	9	91000 /048	201211
10		91000 /050	20130718A

91000-xxxx – Copper, pins / Kupfer, Pins
100 pins – 1 g each / 100 Pins á 1 g



O ppm	S ppm	Item number / Artikelnummer	Lot
489	6	91000-1001	9163192205
323	11	91000-1002	534985510
7	13	91000-1004	113C

91205-xxxx – Titanium / Titan
100 pins – 0.1 g each / 100 Pins á 0,1 g

H-Range / H-Bereich	H ppm	O ppm	N ppm	Item number / Artikelnummer	Lot
10 – 35 ppm H	11	530	101	91205-1001	114C
20 – 70 ppm H	52	1100	53	91205-1002	914H
30– 90 ppm H	61	1555	101	91205-1003	711B
60 – 120 ppm H	77	2150	63	91205-1004	613B
150 – 250 ppm H	192	1040	64	91205-1005	614E

90860/yyy – Glycerine / Glycerin
100 ml

C %	H %	Item number / Artikelnummer	Lot
40.5	8.7	90860	/

Calibration Materials / Kalibrationsmaterialien

90700-1040 – Calcium oxalate / Calciumoxalat
50 g

NEW

°C	Weight loss %	Item number / Artikelnummer	Lot
200 °C	12.20 as H ₂ O	90700-1040	L11Z048
450 °C	18.97 as CO		
850 °C	29.82 as CO ₂		

90710-xxxx – EDTA / EDTA
50 g

NEW

C %	H %	Item number / Artikelnummer	Lot
40.98	5.51	90710-3010	C365665

90800 – Graphite / Graphit

50 g

C %	Item number / Artikelnummer	Lot
100	90800	/

90810 – Calcium carbonate / Calciumcarbonat

100 g

C %	CO₂ %	Item number / Artikelnummer	Lot
12	43.97	90810	C255416

90821 – Barium sulphate / Bariumsulfat

50 g

S %	Item number / Artikelnummer	Lot
13.70	90821	/

90824 – Sulfanilic acid / Sulfanilsäure

50 g

C %	H %	S %	Item number / Artikelnummer	Lot
41.57	4.04	18.48	90824	20131205A

90812-xxxx – Limestone / Kalkstein
25 g

NEW

S %	C %	Item number / Artikelnummer	Lot
0.044	11.97	90812-3001	52199
0.418	11.72	90812-3002	101602

90816-xxxx – Tungsten carbide / Wolframcarbid
100 g

NEW

C %	S %	Item number / Artikelnummer	Lot
6.13	0.0009	90816-3001	914C

92530 – Oil standard / Öl Standard
118 ml

NEW

S %	Item number / Artikelnummer	Lot
0.97	92530	047713

**88600-0013 – Iron accelerator (high purity) /
Eisenzuschlag (hohe Reinheit)**
454 g

NEW

C %	S %	Item number / Artikelnummer	Lot
0.0006	0.0016	88600-0013	814H