

Listing of Items

available from **CHOICE ANALYTICAL** for use on:- **Analysers for Determination of**

<p><b>Carbon</b> <b>Hydrogen</b> <b>Nitrogen</b>           in <b>Oxygen</b> <b>Sulphur</b> <b>etc</b></p>	<p><b>Steel (as Pins and Chips)</b> <b>Copper and Titanium</b> <b>Coal and Graphite and Sulfanilic Acid</b> <b>Cement and Limestone and Carbonate and Sulphate</b></p>
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### STEEL STANDARDS (100 X 1gm Pins)

No.	ppm			% C	% S
	O	N	H		
91100-8	-	41	-	0.0649	0.0113
91100-9	-	201	-	0.129	0.339
91100-10	-	231	-	0.131	0.270
91100-11	-	57	-	0.069	0.0103
91100-12	-	214	1.6	0.0349	0.0250
91100-14	-	184	-	0.0279	0.0026
91100-24	209	123	-	-	-
91100-26	-	91	-	0.0783	0.0428
91100-28	264	110	-	0.054	0.043
91100-29	-	112	-	0.053	0.044
91100-31	45	475	-	-	-



More values will follow.

### COPPER STANDARDS (100 X 1gm Pins)

No.	ppm O	ppm S	ppm C
91000-1	7	14	10
91000-2	6	6.9	13.4
91000-7	329	6	9.4
91000-45	158	12.4	11.6
91000-46	164	10	16.4
91000-51	218	12.4	10.4
91000-53	253	6.9	13.8
91000-57	288	11	14
91000-62	324	9	10
91000-72	425	10.6	16.6
91000-101	710	8.5	11
91000-151	1210	8	12.5
91000-187	1560	8	12.5



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## TITANIUM STANDARDS (100 X 0.25gm Pins)

No.	ppm H	ppm S	ppm C
91200-2	4.7	7	132
91200-8	25	-	-
91200-36	110	-	-



## STEEL STANDARDS 100gm Chips

No.	% C	% S	ppm N
92000-1	0.0013	0.0011	2.0
92000-2	0.0453	0.0043	130
92000-4	0.0383	0.0282	95
92000-5	0.0376	0.0184	190
92000-7	0.078	0.269	600
92000-10	0.480	0.0037	227
92000-11	0.266	0.019	56
92000-12	0.174	0.027	51
92000-13	0.434	0.032	107
92000-14	0.115	0.012	92
92000-15	0.029	0.022	104
92000-16	0.416	0.063	102
92000-17	0.150	0.017	80
92000-18	0.033	0.033	75
92000-19	3.120	0.072	56
92000-20	0.018	0.0005	1940
92000-21	0.020	0.027	1110
92000-23	0.180	0.0018	270
92000-24	0.932	0.0047	80
92000-25	3.28	0.096	50
92000-26	3.60	0.080	85
92000-27	0.155	0.0230	91
92000-28	0.188	0.0051	94
92000-29	0.433	0.0024	97
92000-30	0.152	0.0293	62
92000-31	1.630	0.017	115
92000-32	0.070	0.343	55
92000-34	0.0246	0.0007	1770
92000-35	0.0195	0.0008	2040
92000-37	0.147	0.0106	65
92000-38	0.106	0.0025	50
92000-39	0.141	0.053	70
92000-40	0.156	0.0149	45
92000-41	0.097	0.0073	85
92000-42	0.019	0.0026	1660
92000-43	0.064	0.0076	100
92000-44	0.020	0.0011	1260
92000-45	2.09	0.0096	260
92000-46	0.372	0.0078	95
92000-47	0.655	0.222	71



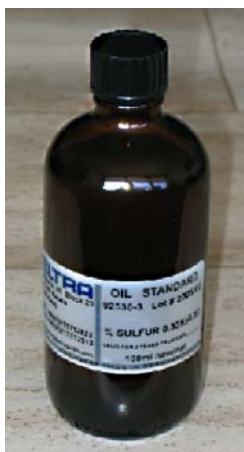
## TITANIUM STANDARDS (100 X 0.10gm Pins)

No.	ppm O	ppm N
91205-3	1990	127
91205-28	566	30
91205-69	1933	65
91205-70	1966	-



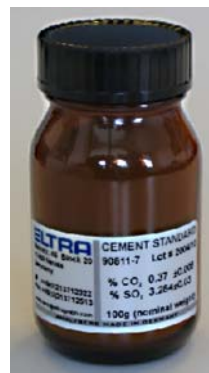
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### Oil Standards - 100ml



No.	% S
92530-1	0.593
92530-2	1.383
92530-3	0.335
92530-4	0.267
92530-5	2.554
92530-6	0.584
92530-7	0.983
92530-043	0.437

### Cement Standards - 100gm



No	% CO <sub>2</sub>	% SO <sub>3</sub>
90811-7	0.37	3.284
90811-8	1.18	2.97
90811-9	1.56	2.71
90811-10	6.73	2.80
90811-11	0.598	3.53
90811-12	0.196	2.57
90811-21	2.41	1.79
90811-22	1.99	2.92
90811-23	2.63	2.93
90811-33	3.78	2.99
90811-43	4.74	3.02
90811-53	5.31	3.01
90811-72	7.45	2.77

### Limestone Standards - 40gm

No.	% C	% CO <sub>2</sub>	% S	% SO <sub>3</sub>	% H <sub>2</sub> O
90812-2	-	43.5	-	-	-
90812-3	-	-	-	-	23.21



### Coal Standards - 50gm

### Carbonate Standards - 50gm

No.	% C	% CO <sub>2</sub>
90815-11	1.24	4.54
90815-17	1.73	6.33
90815-36	3.64	13.33
90815-40	4.26	15.60
90815-60	5.62	20.59



No.	% S	% C	% H
92510-9	4.27	50.7	5.70
92510-10	0.67	61.5	3.91
92510-23	0.31	81.1	1.87
92510-25	0.5	69.8	2.95
92510-29	0.96	83.0	2.94
92510-33	1.33	58.3	4.26
92510-35	1.72	58.2	4.45
92510-40	2.03	57.3	4.56
92510-45	2.46	67.6	3.77
92510-50	2.98	70.2	3.73
92510-55	3.45	72.4	3.70
92510-70	5.0	64.8	4.89
92510-75	5.41	73.4	4.23
92510-80	6.15	83.9	3.50



DIFFERENT MATERIALS FOR CALIBRATION

90800 Graphite - 50g 100% C

90810 Calcium Carbonate - 100g 12% C / 43.97% CO<sub>2</sub>

90820 Barium Carbonate - 50g - 6.08% C

90821 Barium Sulphate - 50g - 13.70% S

90822 Calcium Sulphate dihydrate - 50g - 20.90% H<sub>2</sub>O

90823 Calcium Sulphate hemihydrate - 30g 6.20% H<sub>2</sub>O

90824 Sulfanilic Acid - 50g - 41.57% C 4.04% H 18.48% S

