



Consumables for Elemental Analyzers Consumables & Supplies Reference Cards New Instruments

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Ore, Limestone and Soil Standards

Please note - We are a standards manufacturer, if there is a particular range you require that we do not offer please contact us at sales@alpharesources.com

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Last Updated: 3/8/19

Ore Standards (Synthetic Carbon)

Part #	Weight	% Carbon	Standard Deviation	Expanded Deviation	% Sulfur	Standard Deviation	Expanded Deviation	% Nitrogen	Standard Deviation	Expanded Deviation	Lot #
AR4005	30g	1.42	0.02	0.05	1.33	0.05	0.12	NA			118C
AR4006	30g	Out of Stock			Replacement	Lot	Expected	May 3	2019		
AR4007	30g	7.32	0.12	0.26	3.24	0.07	0.16				418B

Composite Soil Standards (Synthetic Carbon)

AR4020	100g	0.92	0.02	0.04	NA			NA			811B
AR4021	100g	3.04		0.16	0.032		0.013	NA			814A

Limestone Standards

AR4012	25g	11.97	0.17	0.39	0.031	0.005	0.011	NA			918D
AR4013	25g	2.81	0.05	0.10	0.027	0.005	0.010	NA			616B
AR4014	25g	5.87	0.11	0.22	0.029	0.004	0.008	NA			42899
AR4022	25g	7.00	0.20	0.40	0.145	0.013	0.026	NA			101102
AR4023	25g	11.70	0.25	0.50	0.220	0.016	0.032	NA			100902
AR4024	25g	11.72	0.20	0.40	0.418	0.020	0.040	NA			101602

Soil Standards

AR4015	25g	1.17	0.09		0.13	0.02		NA			516A
AR4016	25g	2.24	0.04	0.08	2.08	0.09	0.18	NA			213A
AR4017	25g	0.50	0.03	0.06	0.44	0.03	0.06	NA			313B
AR4018	25g	1.26	0.05	0.10	1.25	0.08	0.16	NA			1013C
AR4019	25g	0.11	0.02	-	0.11	0.02	-	NA			1215A
AR4025	25g	NA			NA			0.460	0.040	0.080	8999
AR4026	25g	NA			NA			1.00	0.08	0.16	82599
AR4027	25g	NA			NA			1.64	0.13	0.26	082699
AR4028	25g	NA			NA			2.02	0.10	0.20	083099
AR4029	100g	4.93	0.06	0.12	NA	NA	NA	NA	NA	NA	217B
AEB2152	30g	1.65	NA	NA	0.031	NA	NA	0.14	NA	NA	
AEB2176	30g	15.95	NA	NA	NA	NA	NA	1.3	NA	NA	
AEB2180	30g	0.85	NA	NA	NA	NA	NA	0.1	NA	NA	
AEB2182	30g	2.2	NA	NA	NA	NA	NA	0.2	NA	NA	
AEB2184	30g	2.3	NA	NA	NA	NA	NA	0.2	NA	NA	
AEB2186	30g	2.75	NA	NA	NA	NA	NA	0.3	NA	NA	
AEB2188	30g	5.40	NA	NA	NA	NA	NA	0.35	NA	NA	

Loss on Ignition Standards

Part #	Weight	%LOI	Expanded Uncertainty	Lot#
AR4105	100g	Sold Out	Replacement	Pending
AR4106	100g	9.64	0.16	1016B
AR4107	100g	Sold Out	Replacement	Pending
AR4108	100g	Sold Out	Replacement	Pending

Synthetic Catalyst Standard

KED1022	100g	24.0	1.3	2.6	12.6	0.6	1.2	NA		1213B
KED1024	100g	14.1	0.7	1.6	5.5	0.3	0.7	NA		1018E