

REFERENCE CARD: CS200, C200, S200, CS300, C300, S300 CONSUMABLES & SUPPLIES



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COMBUSTION SUPPLIES

- (528-018) AR3818 Ceramic crucibles in bags, box of 1000
- (528-050) AR3818B Ceramic crucibles in bags, box of 500
- (528-018) AR3818P Ceramic crucibles in a bag of 50
- AR3818F Ceramic crucibles, foil wrapped box of 1000
- (528-120) AR8120 Low sulfur crucibles, 150 crucibles
- (619-880) AR9880 Ceramic crucible cover, 10mm hole, box of 1000
- AR9880S Ceramic crucible cover, 10mm hole, bag of 250
- AR9880-100 Ceramic crucible cover, 10mm hole, bag of 100
- (528-040) AR040 Ceramic crucible cover, 4mm hole, box of 1000
- AR040S Ceramic crucible cover, 4mm hole, bag of 250
- (528-042) AR042 Porous crucible cover, box of 1000
- AR042S Porous crucible cover, bag of 250
- (772-381) AR2381 Lance cleaning wire
- (789-115) AR789 Lance tube
- (601-920) AR920 Silicone rubber O-ring
- (772-906) AR2906 Combustion tube support
- (782-880) AR2880 Vacuum cleaner filter
- (501-082) AR022 Wire cleaning brush

ORINGS

- (762-058) AR058 Oring
- (761-424) AR1424 Oring
- (601-920) AR920 Oring
- (772-738) AR738 Oring
- (772-520) AR520 Oring

ACCELERATORS

- (501-264) AR264 Copper metal, 0.5lb bottle
- (501-263) AR263 Copper metal 3lb bottle
- (501-640) AR367 Copper metal, 25lb can
- (502-231) AR673 High purity iron, 1lb bottle
- (501-077) AR077 Iron chip 2lb bottle
- (763-266) AR027 Alphacel tungsten 5lbs, -20 to +40 mesh
- (763-026) AR027B Alphacel tungsten 30lbs -20 to +40 mesh
- (501-008) AR008 Alphacel II tungsten 5lb
- (502-297) AR008B Alphacel II tungsten 30lbs
- (502-173) AR173 Alphacel II high purity tungsten, 750g
- (763-263) AR266 Alphacel tungsten, 5lbs, -12 to +20 mesh
- (763-027) AR266B Alphacel tungsten, 30lbs -12 to +20 mesh

REAGENT AND CATALYST TUBES

- (772-739) AR544 Glass catalyst heater tube
- (601-390) AR390 Glass tube
- (771-030) AR030 Glass tube
- (771-373) AR373 Glass reagent tube

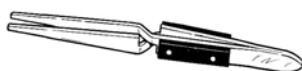


Reagent
tube glass
funnel
(502-473)
AR473

CATALYST AND REAGENTS

- (501-171-HAZ) AR171 Anhydron 1lb bottle
- (761-098) AR098 Cellulose 1lb package
- (502-174-HAZ) AR2174 Alphasolve II 500g bottle, 20-30 mesh
- (502-176-HAZ) AR2176 Alphasolve II 500g bottle, 8-20 mesh
- (501-587) AR912 Platinum/silica 15g bottle
- (502-177) AR177 Quartz wool 50g package
- (501-170) AR170 Rare earth copper oxide 50g bottle

- (760-138) AR138 Sample tweezers



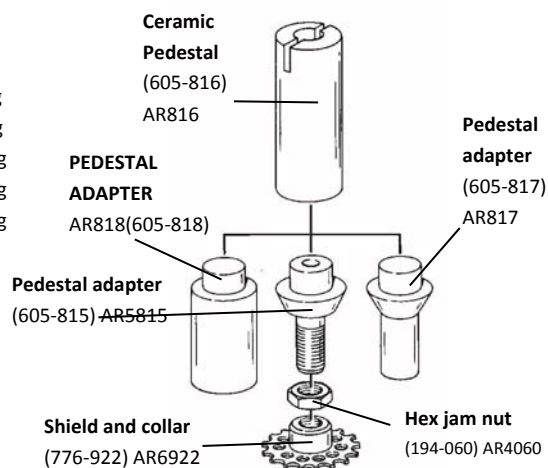
Combustion tube
(772-905) AR057



SST Filter screen
(773-311) AR311



O-ring
(762-058)
AR058



Ceramic
Pedestal
(605-816)
AR816

PEDESTAL
ADAPTER
AR818(605-818)

Pedestal
adapter
(605-817)
AR817

Pedestal adapter
(605-815) AR5815

Shield and collar
(776-922) AR6922

Hex jam nut
(194-060) AR4060

Regular glass scoop (503-032) AR901
volume 0.14cc



Scoop for tungsten (762-542) AR542
volume 0.1cc



Metal scoop (773-579) AR579
volume 0.18cc



OPERATION ACCESSORIES

- (768-980) AR980 Balston filter
- (761-929) AR929 Crucible tongs
- (781-273) AR273 Crucible tray
- (775-306) AR5306 Secondary filter, 10 micron
- (501-241) AR241 Vacuum grease
- (771-354) AR354 Oscillator tube
- (776-129) AR129 Induction coil
- (604-163) AR163 Brush
- (610-735) AR735 Brush
- (773-561) AR561 Brush

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Stevensville, MI. 49127

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CARBON / SULFUR PIN STANDARDS

PART #	SIZE	% CARBON	% SULFUR
AR511	0.5g	0.081	0.240
AR512	0.5g	0.015	0.262
AR881	1g	0.014	0.0045
AR882	1g	0.063	0.023
AR883	1g	0.19	0.022
AR884	1g	0.4410	0.0110
AR885	1g	0.805	0.022
AR886	1g	0.738	0.024
AR888	1g	0.082	0.243
AR889	1g	1.06	0.0213
AR890	1g	0.099	0.0182
AR891	1g	0.038	0.033
AR892	1g	0.0049	0.0020
AR893	1g	1.51	0.013
AR894	1g	0.544	0.0096
AR895	1g	0.247	0.021
AR896	1g	0.168	0.087

CARBON / SULFUR / NITROGEN CHIP STANDARDS

PART #	% CARBON	% SULFUR	NITROGEN
AR946	0.0029	0.0043	0.0019%
AR947	0.389	0.094	121 PPM
AR948	0.503	0.077	93 PPM
AR949	0.0137	0.027	860 PPM
AR950	0.055	0.009	55 PPM
AR951	0.147	0.027	0.0116%
AR952	0.470	0.021	104 PPM
AR953	0.927	0.011	57 PPM
AR954	0.424	0.031	84 PPM
AR955	0.204	0.0284	91 PPM
AR956	0.498	0.301	0.0097%
AR957	0.154	0.112	30 PPM
AR958	0.015	0.023	0.068%
AR960	0.133	0.0013	0.035%
AR961	0.022	0.0093	0.041%

CAST IRON THRU WROUGHT IRON STANDARD

PART #	% CARBON	% SULFUR
AR299	1.05	0.011
AR300	3.32	0.014
AR301	2.02	0.018
AR302	3.29	0.046
AR303	3.94	0.022
AR304	4.23	0.014
AR305	2.79	0.012
AR306	3.50	0.019
AR309	3.70	0.024
AR310	3.35	0.085
AR315	3.09	0.111
AR318	3.08	0.037
AR319	3.28	0.055
AR322	3.41	0.050
AR323	3.84	0.064
AR673	0.0004	0.0017

CARBON / SULFUR RING STANDARDS

PART #	SIZE	% CARBON	% SULFUR
AR869	1g	0.019	0.014
AR870	1g	0.032	0.033
AR871	1g	0.051	0.034
AR872	1g	0.180	0.019
AR873	1g	0.468	0.0109
AR874	1g	0.723	0.022
AR875	1g	0.829	0.0067
AR876	1g	0.546	0.0082
AR878	1g	0.271	0.019



ANSI-ASQ National Accreditation Board/AClass
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Alpha Resources, Inc.
3090 Johnson Road
Stevensville, MI 49127

has been assessed by ACLASS
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field(s) of

CALIBRATION

Refer to the accompanying Scope(s) of Accreditation for information regarding the
types of calibrations to which this accreditation applies.

AT-1280
Certificate Number
Keith Brumby
AClass Approval
Certificate Valid 12/08/2011 to 03/04/2014
Version No. 004 Issued: 02/16/2012



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This
accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO/IEC 17025:2005 Communication dated January 2009).

TUNGSTEN CARBIDE STANDARD/100G BTL

PART #	% CARBON	% SULFUR
AR307	6.15	0.0041

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