

# REFERENCE CARD: CS230 CONSUMABLES & SUPPLIES



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## COMBUSTION SUPPLIES

- AR3818 (528-018) CERAMIC CRUCIBLES IN BAGS, BOX OF 1000
- AR3818B (528-050) CERAMIC CRUCIBLES IN BAGS, BOX OF 500
- AR3818P (528-018) CERAMIC CRUCIBLES IN A BAG OF 50
- AR3818F CERAMIC CRUCIBLES, FOIL WRAPPED BOX OF 1000
- AR8120 (528-120) LOW SULFUR CRUCIBLES, 150 CRUCIBLES
- AR9880 (619-880) 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
- AR040 (528-040) CERAMIC CRUCIBLE COVER, 4MM HOLE, BOX OF 1000
- AR040S CERAMIC CRUCIBLE COVER, 4MM HOLE, BAG OF 250
- AR042 (528-042) POROUS CRUCIBLE COVER, BOX OF 1000
- AR042S POROUS CRUCIBLE COVER, BAG OF 250
- AR2381 (772-381) LANCE CLEANING WIRE
- AR789 (789-115) LANCE TUBE
- AR920, (601-920) SILICONE RUBBER O-RING
- AR2906 (772-906) COMBUSTION TUBE SUPPORT
- AR2880 (782-880) VACUUM CLEANER FILTER
- AR022 (501-082) WIRE CLEANING BRUSH

## ORINGS

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

## ACCELERATORS

- AR264 (501-264) COPPER METAL, 0.5LB BOTTLE
- AR263 (501-263) COPPER METAL, 3LB BOTTLE
- AR367 (501-640) COPPER METAL, 25LB CAN
- AR673 (502-231) HIGH PURITY IRON, 1LB BOTTLE
- AR077 (501-077) IRON CHIP 2LB BOTTLE
- AR027 (763-266) ALPHACEL TUNGSTEN 5LBS, -20 TO +40 MESH
- AR027B (763-026) ALPHACEL TUNGSTEN 30LB S. -20 TO +40 MESH
- AR008 (501-008) ALPHACEL II TUNGSTEN 5LB
- AR008B (502-297) ALPHACEL II TUNGSTEN 30LBS
- AR173 (502-173) ALPHACEL II HIGH PURITY TUNGSTEN, 750G
- AR266 (763-263) ALPHACELL TUNGSTEN, 5LBS, -12 TO +20 MESH
- AR266B (763-027) ALPHACELL TUNGSTEN, 30LBS -12 TO +20 MESH

## REAGENT AND CATALYST TUBES

- AR544 (772-739) GLASS CATALYST HEATER TUBE
- AR390 (601-390) GLASS TUBE
- AR030 (771-030) GLASS TUBE
- AR373 (771-373) GLASS REAGENT TUBE



REAGENT  
TUBE GLASS  
FUNNEL  
AR473  
(502-473)

## CATALYST AND REAGENTS

- AR171 (501-171-HAZ) ANHYDRONE 1LB BOTTLE
- AR098 (761-098) CELLULOSE 1LB PACKAGE
- AR2174 (502-174-HAZ) ALPHASOLVE II 500G BOTTLE, 20-30 MESH
- AR2176 (502-176-HAZ) ALPHASOLVE II 500G BOTTLE, 8-20 MESH
- AR912 (501-587) PLAINUM/SILICA 15G BOTTLE
- AR177 (502-177) QUARTZ WOOL 50G PACKAGE
- AR170 (501-170) RARE EARTH COPPER OXIDE 50G BOTTLE

- AR138 (760-138) SAMPLE TWEEZERS



ALPHA RESOURCES INC  
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## COMBUSTION TUBE

AR057 (772-905)



## SST FILTER SCREEN

AR311 (773-311)



O-RING  
AR058  
(762-058)

CERAMIC  
PEDESTAL  
AR816  
(605-816)

PEDESTAL  
ADAPTER  
AR818(605-818)

PEDESTAL  
ADAPTER  
AR817  
(605-817)

PEDESTAL  
ADAPTER  
AR5815(605-815)

SHIELD AND COLLAR  
AR6922(776-922)

HEX JAM NUT  
AR4060(194-060)

REGULAR GLASS SCOOP AR901 (503-032)  
 VOLUME 0.14CC



SCOOP FOR TUNGSTEN AR542 (762-542)  
 VOLUME 0.1CC



METAL SCOOP AR579 (773-579)  
 VOLUME 0.18CC



## OPERATION ACCESSORIES

- AR980 (768-980) BALSTON FILTER
- AR929 (761-929) CRUCIBLE TONGS
- AR273 (781-273) CRUCIBLE TRAY
- AR5306 (775-306) SECONDARY FILTER, 10 MICRON
- AR241 (501-241) VACUUM GREASE
- AR354 (771-354) OSCILLATOR TUBE
- AR129 (776-129) INDUCTION COIL
- AR163 (604-163) BRUSH
- AR735 (610-735) BRUSH
- AR561 (773-561) BRUSH

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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

### CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/ACLASS  
 2500 Stratfordway, Suite 625, Norwalk, CT 06854-1871, USA

This is to certify that

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

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

**ISO/IEC 17025:2005**

while performing technical competence in the field(s) of

**CALIBRATION**

Refer to the accreditation scope of accreditation for information regarding the  
 types of calibrations to which this accreditation applies.

011299  
 Certificate Number  
  
 Keith Cummings  
 ACLASS General  
 Director Sales & Marketing  
 2500 Stratfordway, Suite 625  
 Norwalk, CT 06854-1871, USA



This is to certify that the laboratory has been assessed by ACLASS and meets the requirements of the standard while performing technical competence in the field(s) of calibration.

### TUNGSTEN CARBIDE STANDARD/100G BTL

PART #	% CARBON	% SULFUR
AR307	6.15	0.0041

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