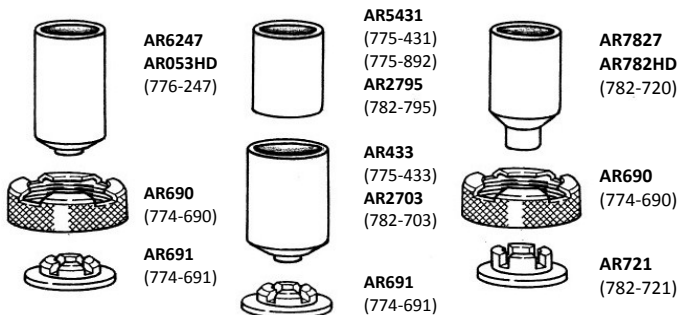


# REFERENCE CARD: TC436, TN414, RO416 CONSUMABLES & SUPPLIES



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## GRAPHITE CRUCIBLES, ELECTRODE INSERTS AND COLLARS



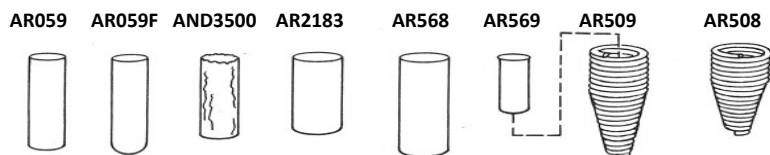
## CATALYST AND REAGENTS

(501-171-HAZ) AR171 Anhydron 1 lb bottle  
(502-189) AR189 Copper sticks 100g ampoule  
(502-304) AR2304 Copper sticks 100g bottle  
(502-304-500) AR2304-500 Copper sticks 500g bottle  
(501-621) AR621 Copper turnings 200g bottle  
(502-190) AEB1002 Copper oxide wire 100g bottle  
(501-081) AR081 Glass wool 1 lb box  
(502-174-HAZ) AR2174 Alphasolver II 500g bottle, 20-30 mesh  
(502-176-HAZ) AR2176 Alphasolve II 500g bottle, 8-20 mesh

## QUARTZ AND GLASS TUBES

(776-279) AR279 Quartz catalyst tube  
(761-047) AR047 Filter tube  
(775-601) AR601 Reagent tube

## NICKEL BASKETS AND CAPSULES



CAT. NO	LECO®	TYPE	METAL	DIAM.	HEIGHT	WEIGHT	#
AR059	(501-059)	CAPSULE	SN	5.0MM	18.0MM	160MG	100
AR059F		CAPSULE, FLAT BOTTOM	SN	5.0MM	18.0MM	160MG	100
AND3500		PRESSED CAPSULE	NI	5.0MM	12.5MM	65MG	100
AR508	(763-065)	BASKET (SMALL)	NI	7.0MM	12.0MM	1.0G	100
AR509	(763-029)	BASKET (LARGE)	NI	7.0MM	17.0MM	1.5G	100
AR568	(502-820/822)	SMOOTH CAPSULE	NI	6.5-7.0MM	12-14.5MM	500MG	100
AR569		SMOOTH CAPSULE	NI	4.5MM	9.7MM	270MG	100
AR2183	(502-183)	SMOOTH CAPSULE	NI	6.5MM	10.0MM	467MG	100

## BRUSHES AND HANDLES



## OPERATION ACCESSORIES

(766-053) AR766 Crucible tweezers  
(766-646) AR6646 Air filter coating  
(775-306) AR5306 Secondary filter, 10 micron  
(765-933) AR5933 Cooling agent  
(760-138) AR138 Sample tweezers  
(501-241) AR241 Vacuum grease

## FUSION SUPPLIES

(AR598) AR598 Etched nibbled nickel 100g bottle  
(501-073) AR073 Graphite powder 100g bottle  
(780-892) AR0892 Graphite crucible cover 1000/pk  
(763-065) AR508 1g nickel basket 100/bottle  
(763-029) AR509 1.5g nickel basket 100/bottle  
(502-344) AR2344 1g UHP nickel basket 100/bottle  
(502-345) AR2345 1.5g UHP nickel basket 100/basket

Alpha Resources, Inc. Phone: 800-833-3083  
PO 199, 3090 Johnson Rd Fax 269-465-3629  
Stevensville, MI. 49127 email:sales@alpharesources.com

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## STEEL PINS FOR NITROGEN AND OXYGEN

PART #	SIZE	OXYGEN	NITROGEN
AR 644	1g	3 PPM	157 PPM
AR 645	1g	52 PPM	60 PPM
AR 646	1g	53 PPM	667 PPM
AR 1647	1g	33 PPM	1807 PPM
AR 1648	1g	107 PPM	61 PPM
AR 1650	1g	100 PPM	102 PPM
AR 1651	1g	0.0057%	0.0210%
AR 1652	1g	0.0045%	0.0530%
AR 1653	1g	12 PPM	27 PPM
AR 1656	1g	244 PPM	118 PPM
AR 654	0.5g	65 PPM	534 PPM
AR 655	0.5g	0.0021%	0.393%
AR 656	0.5g	0.0081%	0.0213%
AR 657	0.5g	70 PPM	89 PPM
AR 659	0.5g	120 PPM	66 PPM
AR 660	0.5g	0.0045%	0.0060%
AR 661	0.5g	0.0006%	0.0166%
AR 662	0.5g	0.0026%	0.069%
AR 663	0.5g	0.0042%	0.1795%
AR 668	0.5g	14 PPM	31 PPM
AR 670	0.5g	255 PPM	123 PPM
AR 675	0.5g	0.077%	0.248%
AR 676	0.5g	329 PPM	1214 PPM

## STEEL PINS FOR HYDROGEN

PART #	SIZE	HYDROGEN
AR 546	1g	1.1 PPM
AR 555	1g	3.4 PPM
AR 556	1g	5.0 PPM
AR 558	1g	7.3 PPM

## ZIRCONIUM PINS FOR HYDROGEN, NITROGEN, OXYGEN

PART #	SIZE	OXYGEN	NITROGEN	HYDROGEN
AR 640	0.1g	1405 PPM	50 PPM	14 PPM

## OXYGEN IN COPPER PINS

PART #	SIZE	OXYGEN	SULFUR
AR 147	1g	10 PPM	11 PPM
AR 148	1g	489 PPM	6 PPM
AR 149	1g	323 PPM	11 PPM

## TITANIUM PINS FOR HYDROGEN, NITROGEN AND OXYGEN

PART #	SIZE	OXYGEN	NITROGEN	HYDROGEN
AR 637	0.1g	509 PPM	101 PPM	12 PPM
AR 641	0.1g	0.1910%	0.0354%	0.0039%
AR 642	0.1g	0.114%	0.0052%	0.0050%
AR 647	0.1g	0.175%	0.0038%	0.0090%
AR 648	0.1g	0.158%	0.015%	0.0161%
AR 649	0.1g	0.161%	0.0153%	0.0200%
AR 650	0.1g	0.1555%	0.0101%	0.0061%
AR 651	0.1g	1320 PPM	49 PPM	28 PPM



## CERTIFICATE OF ACCREDITATION

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-1209

Certificate Number

*Keith Greenway*

AClass Approval

Certificate Valid 12/09/2011-01/04/2014  
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-ILAC-IAP Communiqué dated January 2009).

## ORINGS

AR428 (760-226) ORING  
AR407 (771-407) ORING  
AR489 (774-489) ORING  
AR312 (775-312) ORING  
AR738 (772-738) ORING  
AR8114 (778-114) ORING  
AR520 (772-520) ORING

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