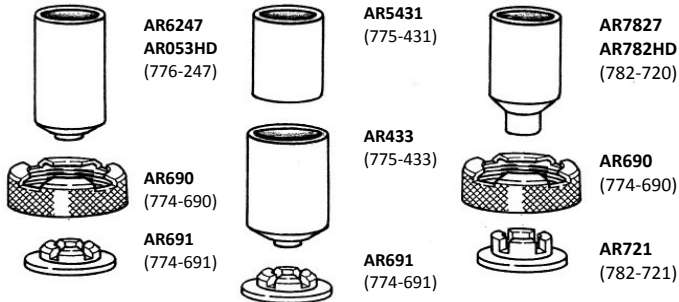


REFERENCE CARD: TCH600, TC600, RH600, RO600 SERIES CONSUMABLES & SUPPLIES



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GRAPHITE CRUCIBLES, ELECTRODE INSERTS AND COLLARS



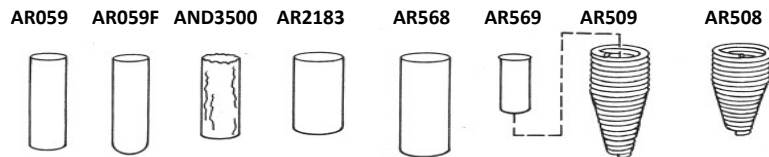
CATALYST AND REAGENTS

- (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 1lb box
- (502-174-HAZ) AR2174 Alphasolve 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
- (789-412) AR9412 Quartz catalyst tube
- (617-548) AR7548 Glass 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
- (502-023) AR473 Utility funnel

FUSION SUPPLIES

- (501-598) 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/bottle

Alpha Resources, Inc. Phone: 800-833-3083
PO 199, 3090 Johnson Rd Fax: 269-465-3629
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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-1200
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

AR803 (602-803) ORING
AR432 (774-425) ORING
AR5976 (765-976) ORING
AR520 (772-520) ORING
AR440 (617-440) ORING
AR8114 (778-114) ORING
AR7083 (617-083) ORING
AR002 (156-002) ORING
AR677 (775-677) ORING
AR684 (601-684) ORING

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