



# ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY

## Resources for Testing Reusable and Paper Bags

(Source: LA County Dept of Public Works)

Please test to the specifications listed below.

### To Confirm Lifespan:

- [EcoLogo ATP-001 \[PDF, 38KB\]](#)  
Capacity Test - minimum of 15 liters  
Dynamic Test - minimum of 5 sets of 300 cycles (1,500 cycles total)
- Please state bag material type, thickness, weight, and dimensions.
- Please state measurements taken and bag damages noted throughout testing.

### To Confirm Heavy Metal Content:

- Please state which methods for preparing samples of the different bag components and for testing for the different heavy metals following the [CONEG TPCB](#) and/or [RoHS Directive \[PDF, 1.2MB\]](#) protocols were used

### To Confirm Thickness of Plastic:

- [ASTM D6988-08](#) or [ISO 4593:1993](#)
- [ISO 4591:1992](#) (for embossed film)

## Accreditation Programs Certifying Labs for the Testing of Mechanical Properties

- [American Association for Laboratory Accreditation \(A2LA\)](#)
- [ANSI-ASQ National Accreditation Board doing business as ACLASS](#)
- [International Accreditation Service, Inc \(IAS\)](#)
- [Laboratory Accreditation Bureau \(L-A-B\)](#)
- [National Voluntary Laboratory Accreditation Program \(NVLAP\)](#)
- [Perry Johnson Laboratory Accreditation, Inc. \(PJLA\)](#)

## Accredited Labs Confirmed to Test for Reusable Bag Lifespan

### CALIFORNIA

- [MET Laboratories, Inc.](#)  
Union City (510) 489-6300
- [National Technical Systems](#)  
Fullerton (714) 879-6110
- [Westpak, Inc](#)  
San Diego (858) 623-8100

## USA

- **Accutek Testing Laboratory**  
Fairfield, OH (513) 984-4112 x1230
- **AM Testing and Service, Inc.\***  
Chicago, IL (708) 907-5252
- **Assured Testing Services**  
Ridgway, PA (814) 773-3224
- **ATD Engineering and Machine LLC**  
Au Gres, MI (989) 876-2973 x238
- **Bowser-Morner, Inc.\***  
Dayton, OH (937) 236-8805 x211
- **Boyle Consulting Engineers, PLLC**  
Charlotte, NC (704) 676-0778
- **Bureau Veritas Consumer Products Services**  
Buffalo, NY (716) 505-3761
- **Cascade Technical Sciences**  
Hillsboro, OR (503) 648-1818 x230
- **Consumer Testing Services, SGS North America, Inc.\***  
Fairfield, NJ (973) 461-7918
- **DATASYST Engineering & Testing Services, Inc.**  
Delafield, WI (800) 969-4050
- **Dayton T. Brown, Inc.**  
Bohemia, NY (631) 244-6238
- **Detroit Testing Laboratory, Inc.**  
Web: <http://www.dtl-inc.com/>  
Warren, MI (586) 754-9000 x1152
- **Element Materials Technology\***  
New Berlin, WI (262) 901-0528\*  
Houston, TX (713) 696-6226
- **Environ Laboratories LLC**  
Minneapolis, MN (952) 888-7795
- **Exova\***  
Warren, MI (586) 501-1800 x75124
- **Experimental Services, Inc**  
Akron, OH (330) 848-0059 x1
- **Ghesquiere Plastic Testing, Inc**  
Harper Woods, MI (313) 885-3535
- **Global Testing Services**  
Kokomo, IN (765) 453-3137
- **Greening Testing Laboratories, Inc**  
Detroit, MI (313) 366-7160 x211
- **Independent Engineering Laboratories, Inc.**  
Jackson, MI (517) 788-6590
- **International Automotive Components Group Validation Center**  
Troy, MI (248) 743-1916
- **MET Laboratories, Inc**  
Baltimore, MD (410) 354-3300
- **MGA Research Corporation**  
Burlington, WI (262) 763-2705
- **Greer, SC (864) 848-3088**
- **Michigan Testing Institute, Inc.**  
Sterling Heights, MI (586) 731-2230
- **Microbac Laboratories, Inc Hauser Laboratories Division\***  
Boulder, CO (720) 406-4800
- **Motor City Testing**  
Wixom, MI (248) 773-0038
- **MSi Testing & Engineering, Inc.\***  
Melrose Park, IL (708) 343-3444

- **National Technical Systems**  
Tempe, AZ (480) 966-5517
- **New Jersey Industrial Controls**  
Rockaway, NJ (973) 328-1745
- **NSF International**  
Ann Arbor, MI (734) 827-6808
- **OrthoKinetic Testing Technologies, LLC**  
Southport, NC (910) 754-6800
- **Primetime Testing Laboratory, Inc.**  
Clinton Township, MI (586) 468-3939
- **Professional Testing Laboratory, Inc.**  
Dalton, GA (706) 226-3283
- **Q-CARD Laboratories**  
Sunbury, PA (570) 286-7447
- **Q-Lab Weathering Research Service**  
Homestead, FL (305) 245-5600 x202
- **Rexnord Technical Services**  
Milwaukee, WI (414) 643-2743
- **Smithers Rapra\***  
Akron, OH (330) 762-7441 x1203
- **Telcordia Technologies**  
Piscataway, NJ (732) 699-4080
- **Thielsch Engineering Materials Testing Laboratory**  
Cranston, RI (401) 467-6454
- **TouchStone Systems & Services, Inc.**  
Wyoming, MI (616) 532-0060
- **Trace Laboratories, Inc.**  
Palatine, IL (847) 934-5300  
Hunt Valley, MD (410) 584-9099\*
- **TUV Rheinland of North America\***  
Bentonville, AR (479) 250-0066

## Chemical Regulations Affecting Reusable Bags

Lead Regulations (in ink/dye – no more than 90ppm, in consumer products – no more than 100ppm by weight):

- **Federal Hazardous Substances Act**
- **Consumer Product Safety Improvement Act, section 101**
- **Code of Federal Regulations, Title 16, Part 1303**

Toxic Material Legislation:

- **California Toxic Toy Bill (AB 1108)** (no more than 1000ppm by weight for certain phthalates)
- **Toxics in Packaging Prevention Act** (no more than 100ppm by total weight of Lead, Cadmium, Mercury, and Hexavalent Chromium)

## Accreditation Programs Certifying Labs for the Testing of Chemicals in Products

- **American Association for Laboratory Accreditation (A2LA)**
- **Environmental Laboratory Accreditation Program (ELAP)**
- **National Environmental Laboratory Accreditation Program (NELAP)**
- **American Industrial Hygiene Association Laboratory Accreditation Programs (AIHA-LAP)**

## Accredited Labs to Test for Chemicals in Products

- **US Consumer Product Safety Commission - List of Accredited Testing Labs**
- **AM Testing and Service, Inc.\***  
Chicago, IL (708) 907-5252
- **Bowser-Morner, Inc.\***  
Dayton, OH (937) 236-8805 x211
- **Consumer Testing Services, SGS North America, Inc.\***  
Fairfield, NJ (973) 461-7918
- **Element Materials Technology\***  
New Berlin, WI (262) 901-0528
- **Exova\***  
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