

# Food Safety



This article details standard Bullseye Catalog sheet glasses\* that contain more than 1.0% lead (Pb) or more than 0.5% cadmium (Cd). If you use any of these styles for food-bearing objects, we recommend capping them with Bullseye Clear Glass.

In our testing, we have found that clear-capping results in minimal lead and cadmium leaching — well below FDA limits. In our testing, we have also found that transparent glasses leach lead/cadmium at levels below FDA limits, and much less than opalescent lead/cadmium-bearing glasses; so you may be able to use transparent lead/cadmium-bearing glasses without clear-capping.

Our testing, however, does not cover all glass styles or firing conditions, and it cannot be taken as a guarantee of food safety when using these glasses. If you sell food-bearing objects, it is your responsibility to have them tested, as lead/cadmium leaching can be affected by the specific processes to which the glass is subjected. A heavily textured surface, for example, has more total surface area and, therefore, more area from which lead/cadmium may be leached.

A local chemistry lab should be able to perform the necessary test for you, according to ASTM C738-94(2006) Standard Test Method for Lead and Cadmium Extracted from Glazed Ceramic Surfaces, for a relatively low fee of around \$30 to \$70 dollars per sample.

\* Discontinued styles or non-standard colors may not be shown here. If you have a question about a glass not listed in our catalog, please contact us.

The following glasses contain more than 1.0% lead (Pb)

**Opalescent**

-  Translucent White Opal (000243)\*
-  Pink Opal (000301)
-  Dusty Lilac Opal (000303)
-  Lavender Opal (000304)
-  Salmon Pink Opal (000305)
-  Dense White Opal (000313)
-  Plum Opal (000332)
-  Gold Purple Opal (000334)

**Transparent**

-  Light Aventurine Green (001412)
-  Aventurine Bronze (001149)
-  Light Coral (001205)
-  Light Pink (001215)
-  Light Fuchsia (001232)
-  Violet (001234)
-  Cranberry Pink (001311)
-  Sunset Coral (001305)
-  Fuchsia (001332)
-  Gold Purple (001334)
-  Burnt Scarlet Tint (001823)
-  Ruby Red Tint (001824)
-  Ruby Pink Tint (001831)

The following glasses contain more than 0.5% cadmium (Cd)

**Opalescent**

-  Tomato Red Opal (000024)
-  Tangerine Orange Opal (000025)
-  Canary Yellow Opal (000120)
-  Red Opal (000124)
-  Orange Opal (000125)
-  Spring Green Opal (000126)
-  Woodland Brown Opal (000203)
-  Sunflower Yellow Opal (000220)
-  Citronelle Opal (000221)
-  Avocado Green Opal (000222)
-  Deep Red Opal (000224)
-  Pimento Red Opal (000225)
-  Golden Green Opal (000227)
-  Cinnabar Opal (000309)
-  Umber Opal Opal (000310)
-  Marigold Yellow (000320)
-  Pumpkin Orange Opal (000321)
-  Burnt Orange Opal (000329)
-  Butterscotch Opal (000337)

**Transparent**

-  Light Orange (001025)
-  Sienna (001119)
-  Yellow (001120)
-  Red (001122)
-  Orange (001125)
-  Chartreuse (001126)
-  Marigold Yellow (001320)
-  Carnelian (001321)
-  Garnet Red (001322)
-  Lemon Lime (001422)

**The following glasses contain more than 1.0% lead (Pb)**

\*Note on Translucent White: Glass in this style produced prior to 4/29/16 contains lead. Production from 04/15/21 also contains lead.

**Streaky**

-  White, Pink Opal (002302)
-  White, Salmon Pink Opal (002305)
-  White, Cranberry Pink (002310)
-  Cranberry Pink, White (002311)
-  Petrified Wood, (002971)
-  Cranberry Pink, Royal Blue, Spring Green, White (003026)
-  Azure Blue Opal, Jade Green Opal, Neo-Lavender (003045)
-  Cranberry Pink, Royal Blue, Spring Green (003126)
-  White, Deep Royal Purple, Cranberry Pink (003328)
-  Cranberry Pink, Gold Purple, White (003334)
-  Cranberry Pink, Emerald Green, White (003345)
-  Cranberry Pink, Azure Blue, White (003346)

**Ring Mottles**

-  Lemon Yellow, White, Gold Pink (006323)
-  White, Olive Green, Gold Pink (006343)
-  White, Lime Green, Turquoise, Gold Pink (006467)
-  White, Turquoise, Lime Green, Gold Pink (006446)
-  White, Gold Pink (006210)
-  White, Turquoise, Gold Purple (006336)

**The following glasses contain more than 0.5% cadmium (Cd)**

Some of our Collage sheet glass styles include streamers made with styles in the cadmium lists above.

**Streaky**

-  Clear, Sunflower Yellow Opal (002020)
-  Yellow, Deep Forest Green (002121)
-  Clear, Red Opal (002024)
-  Clear, Spring Green Opal (002026)
-  White, Orange Opal (002123)
-  Red Opal, White (002124)
-  Yellow, Red (002125)
-  White, Orange Opal, Deep Forest Green (003123)
-  Woodland Brown Opal, Ivory, Black (003203)

