



Easy Dilution of Residual Chlorine Standards

ERROR-FREE SAMPLE RETRIEVAL WITH WHEATON'S WIDE MOUTH GLASS AMPULES

Pre-Scored Ampules

Part No.	Size (mL)	Dia x H (mm)	Qty / Case
Clear			
176772	1	10.5 x 67	144
176776	2	12 x 75	144
176779	5	16.5 x 84	144
176780	10	19 x 107	144
176782	20	22.5 x 130	144
W176784A	50	26 x 150	100
Amber			
176792	1	10.5 x 67	144
176796	2	12 x 75	144
176799	5	16.5 x 84	144



For more options visit:
www.wheaton.com

APPLICATION: EPA Method 330.1-5 Chemical Analysis of Water

When chlorine is dissolved in water, it will destroy disease-causing organisms without becoming harmful to humans. The chlorine is used up as organisms are destroyed, meaning if enough chlorine is added, there will be some left over in the water after all the organisms have been destroyed; this occurrence is known as free chlorine or residual chlorine. Therefore, when water is tested and there is still chlorine left, it proves that most dangerous organisms have been destroyed and the water is safe to drink.

EPA chapters 330.1-5 details specific analytical test procedures for the testing of residual chlorine in drinking water. Each method requires a residual chlorine standard for a reference that is used to determine unknown concentrations of samples. Chlorine residual standards should be packaged in a flame sealed, amber ampule to eliminate product evaporation and degradation. It is advantageous to utilize WHEATON wide mouth ampules, allowing for easy and accurate retrieval of product with a Class A pipette.

PRODUCT: WHEATON Wide Mouth Flame Sealed Ampules

WHEATON's wide mouth ampules are the ideal primary packaging component for residual chlorine standards due to their wide mouth opening and flame sealed tip. When diluting a residual chlorine standard, a Class A pipette must be utilized. As pipettes do not fit in standard ampule openings, WHEATON developed a wide mouth ampule so a pipette tip can fit completely inside and withdraw accurate amounts.

WHEATON ampules are manufactured with USP Type I borosilicate glass and are offered clear or amber from sizes ranging from 1-50 mL.

BENEFIT/CONCLUSION: Easy Product Retrieval via Pipette with WHEATON Wide Mouth Ampules

WHEATON's ampules are ideal for packaging chlorine residual standards due to their wide mouth opening which allows end-users to completely submerge a pipette tip into the product. The complete submergence of a pipette tip allows for easy removal of accurate amounts of chlorine residual standard, ensuring proper dilutions are performed. Each ampule is flame sealed which eliminates product loss to evaporation and pre-scored for simple tip removal.

WHEATON's wide mouth ampules guarantee easy access via pipette tip, ensuring accurate dilutions are performed.