

APPENDIX D

SHELF LIFE OF SAMPLING MEDIA

The SLTC will provide an expiration date for sampling media shipped to the field. The date will be printed either on the media itself, on its container, or on its packaging. Return liquid media to the SLTC in the same outer packaging in which it was received.

TABLE D-1. SHELF LIFE OF SAMPLING MEDIA PROVIDED BY THE SLTC		
Sampling medium	Shelf Life	Comments
Sodium hydroxide	1 year	Same for all normalities
Hydrochloric acid Sulfuric acid Methanol in water	1 year	Same for all concentrations
Solution for bis-chloromethyl ether (BCME) and chloromethyl methyl ether (CMME)	2 months	Prepared on request*
Hydroxylammonium chloride solutions (for ketene collection)**	2 weeks	Prepared on request*
Hydroxylammonium chloride-sodium hydroxide mixed solutions (for ketene collection)	Stable only 2 hours	CSHO must prepare solution from two component solutions just before use*
Folin's reagent	5 days	Prepared on request*
Diffusive samplers	As per manufacturer	Must be used before the expiration date printed on the monitor package
Nitrogen oxides collection tubes	2 years as per manufacturer	Should be stored in a refrigerator
Sampler for ozone (Nitrite-treated filter collection device)	28 days	Prepared on request*
Coated filter sampler for diisocyanates (MDI, HDI, TDI, etc.)	1 year	Prepared on request*
NaOH coated binderless quartz fiber filters	3 months	Prepared on request*
Treated filter sampler for collection of anhydrides	30 days	Prepared on request*
* Give the SLTC at least two days' notice to allow time for reagent preparation.		
**Hazardous goods shipment required both from the SLTC to the field and from the field to the SLTC; Corrosive Liquid, Toxic, UN 2922, Class 8, PGIII.		