



# Whole Blood Volatiles Control Level 2

## INTENDED USE FOR IN VITRO DIAGNOSTIC USE

LiquiSP<sup>TM</sup> Whole Blood Volatiles Control is a quality control material intended for use in monitoring the accuracy and precision of the quantitative determination of methanol, ethanol, acetone and isopropanol in whole blood.

## SUMMARY AND PRINCIPLE

This product is to be used exactly as directed for the patient sample in order to monitor, and thus minimize the potential for technical and performance errors in routine testing.

## PRODUCT DESCRIPTION

LiquiSP<sub>x</sub> Whole Blood Volatiles is prepared from stabilized normal human whole blood matrix with the addition of ethanol, methanol, isopropanol and acetone. This product has been assigned lot-specific volatiles values using quantitative analytical methods. This product is packaged 5.0 mL per vial.

## STORAGE AND STABILITY

Whole Blood Volatiles Control is stable until the expiration date on the package when stored at 2-8°C and 45 days after opening when stored at 2-8°C. Discard any contaminated material. Microbial contamination is evidenced by an increase in turbidity and/or a characteristic odor.

## PRECAUTIONS

**Human source material. Treat as potentially infectious.**

Each serum/plasma donor unit used in the manufacture of this product has been tested by FDA accepted methods and found non-reactive for the presence of HBsAg and antibody to HIV-1/2, HCV and HIV-1 Ag. While these methods are highly accurate, they do not guarantee that all infected units will be detected. Because no known test method can offer complete assurance the hepatitis B virus, hepatitis C virus, human immunodeficiency virus (HIV) or other infectious agents are absent, all products containing human source material should be considered potentially infectious and handled with the same precautions used with patient specimens.

This product contains 0.09% sodium azide as a preservative. Sodium azide may react with lead and copper plumbing to form potentially explosive compounds. Flush with excess water upon disposal.

## PROCEDURE

Allow the refrigerated controls to warm to room temperature (18-25° C) and gently swirl the control material prior to use in order to ensure product homogeneity. QC materials should be used in accordance with local, state, and/or federal regulations or accreditation requirements.

## LIMITATIONS

This material is a control for methods listed in the TARGET VALUES section; it is not to be used as a calibrator. Accurate and reproducible results are dependent upon properly functioning instruments, reagents, standardization, and proper laboratory techniques. Individual laboratories may not obtain the mean assigned value as listed.

## TARGET VALUES

Level 2	Lot No.: 1001127A Exp. Date: 2014/03	
	Method: Gas Chromatography	Expected Range*
Methanol	Mean mg/dL: 87.5	70.0 - 105
Ethanol	144	116 - 173
Acetone	138	111 - 166
Isopropanol	93.0	74.4 - 112

\* Expected Range – Each laboratory must establish its own precision and accuracy parameters and use the values listed only as guidelines.

## REFERENCES

Baselt, R.C. Analytical Procedures for Therapeutic Drug Monitoring and Emergency Toxicology. Littleton, MA, PSG Publishing, 1987.



For in vitro diagnostic use



See package insert for proper use



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## RE-ORDER INFORMATION Whole Blood Volatiles Control

Catalog No.  
**REF** 93221  
Level 1, 6 x 5 mL

Catalog No.  
**REF** 93222  
Level 2, 6 x 5 mL

