

Isopropyl Alcohol Sample Report

SafeTech Vapor Monitors



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ISOPROPYL ALCOHOL PERSONAL MONITORING BADGE

Badge: SIA 125

Report Date: 11/21/2012



Results of Laboratory Analysis
Actual TWA: 0.30 ppm
Time Weighted Average based on Actual time badge was worn

Reviewed by *J. Bousquet*
Jessica Bousquet, Lab Director

Results are not corrected by "blank" samples.

Result
The reading from the monitor submitted is displayed here.

Results to be mailed to:

Supervisor: Jeanie Schmit
Department: Histology
Facility: Fox Hospital
Address: 88 South 5th Ave
City/St/Zip: Albany, NY 13820

Telephone: 607-431-5807

Employee Information:

Employee: Jeanie Schmit
Job Title: Histo Sup.
Work Area: Histology
Protective Devices Worn: Gloves, coat, goggles
Duties Performed During Monitoring: Changed xylene & flush on processor

Employee
Employee information as listed on the paperwork submitted is included for context.

Exposure Information:

Date of Exposure: 11/8/2011
Start Time: 8:40:00 AM **Stop Time:** 9:35:00 AM
Total Time Worn: 0 hours, 55 minutes

This Laboratory Analysis Report was reviewed with me by my Supervisor on this date:

Employee Signature Date

Condition of badge upon receipt: OK
Date Received: 11/10/2011 Analysis Date: 11/20/2012

OSHA Benchmarks
OSHA limits for safe exposure are shown in this box.

Monitoring Compliance Information

OSHA: 400 ppm 8 hour TWA
Ref: 29 CFR 1910.1000 "Air Contaminants Z-1 Table"

NIOSH: 500 ppm STEL

Monitoring Badge Performance Characteristics

Method of Sample Collection: Sample is collected by diffusion onto a Chemically Activated Solid Adsorbent
Method of Sample Analysis: Gas Chromatography; NIOSH Method 1400m
Accuracy: TWA : + or - 8.4% STEL : + or - 9.8%
Minimum Detectable: 0.003 for an 8 hour period; 0.10 for a 15 minute STEL period

Employee Notification

Employers are required to notify employees of exposures to hazardous agents within 15 calendar days following the receipt of the monitoring results

Next Steps

- ✓ If results are **lower than the OSHA 400 ppm 8 hour TWA**, no action is needed.
- ✓ If results are **higher than the OSHA 400 ppm 8 hour TWA**, notify your employee within 15 days after receiving results, take steps to reduce vapors in your lab, and retest on an ongoing basis to ensure safe levels.