

SCHNEIDER LABORATORIES

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

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AIHA 8936, ELLAP 8936, NVLAP 1150, NYELAP 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Sulfur dioxide Analysis by NIOSH 6004 Method

ACCOUNT #: 500-03-500 **DATE COLLECTED:** 11/17/2003
CLIENT: Schneider Laboratories Inc. **DATE RECEIVED:** 11/17/2003
ADDRESS: 2512 West Cary Street **DATE ANALYZED:** 11/18/2003
Richmond VA 23220 **DATE REPORTED:** 11/18/2003
PO NO.:
PROJECT NAME: SO2 Monitoring
PROJECT NO.:
JOB LOCATION: Power Plant **MEDIA TYPE:** Treated Filter

SLI Sample No.	Client Sample No.	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	Total SO2 (mg)*	Actual Exp (mg/m ³)*	8 Hour TWA (mg/m ³)*	Actual Exp (PPM)	8 Hour TWA (PPM)	Report Limit (mg)**
33333335	1	387	0.500	193.50	< 0.005	< 0.026	< 0.021	< 0.010	< 0.008	0.005
33333336	2	390	0.500	195.00	< 0.005	< 0.026	< 0.021	< 0.010	< 0.008	0.005
33333337	3	389	0.500	194.50	< 0.005	< 0.026	< 0.021	< 0.010	< 0.008	0.005
33333338	4	390	0.500	195.00	1.050	5.385	4.375	2.055	1.670	0.005
33333339	5				< 0.005					0.005
33333340	6				< 0.005					0.005

QC	Laboratory Blank				< 0.005					
QC	Spike 1 - 0.025 mg				0.025	98.2%				
QC	Spike 2 - 0.025 mg				0.024	97.2%				

ANALYST: BERNARD H. HOWARD

REVIEWED BY THAO T. KHAU, CHEMIST

OSHA Permissible Exposure Limit (PEL) for Sulfur dioxide is 13 mg/m³ [5 PPM] for 8 hour TWA.

* For true values assume two (2) significant figures.

** Reporting Limit represents the lowest reportable concentration of the tested substance.

Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled.

Standard and spike values are reported as percent recovery for Quality Control purposes.

Results are not blank-corrected unless noted by analyst.