



American Research and Testing Inc.

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CLIENT: Environmental Solution Products, Inc.
PO Box 223
Mountain View CA 94042

NUMBER
207-11-104
December 14, 2007

SUBJECT: VOC of Aqueous FPC100

REFERENCE:

Tests and charges were authorized by Mr. Dan O'Rourke on 12/4/07.

SAMPLE DESCRIPTION:

The Client submitted and identified one sample of FPC100 Metal Cleaner.

REQUEST:

Determine VOC of the sample per EPA Method 24.

METHOD:

VOC of the sample was determined from total volatile content, water content, and density following the methodology specified in EPA Method 24. Volatile content was determined gravimetrically per ASTM D2369. Water content was determined per ASTM D4017 by pyridine-free Karl Fischer titration. Density was determined per ASTM D1475, using a calibrated pycnometer. VOC was calculated from these data, expressed as weight fraction, weight percent, and grams/liter material in accordance with EPA Method 24, CARB Method 310, and SCAQMD Rule 443, respectively.

RESULTS:

Parameter	Results
Total Volatile (weight percent)	99.52
Water Content (weight percent)	99.58
Density (g/ml)	0.999
VOC, expressed per EPA Method 24 (weight fraction)	0.0000
VOC, expressed per CARB Method 310 (weight percent)	0.00
VOC, expressed per SCAQMD Rule 443 (grams/liter material)	0

SIGNED FOR THE COMPANY

by

B. Belmont
Senior Chemist

Rita R. Boggs, Ph.D.
President