



CERTIFIED WEIGHT REPORT

Part Number: **96046**
Lot Number: **100721**
Description: **VOC Standard 1**
10 components

Solvent(s): **Methanol**
Lot# **DY869-USQ6**

Expiration Date: **100726**
Recommended Storage: **Freezer (0 °C)**
Nominal Concentration (µg/mL): **200**

NIST Test ID#: **6UTB**
Volume(s) shown below were combined and diluted to (mL): **100.0**
SE-05 Balance Uncertainty
0.012 Flask Uncertainty

| | |
|-------------------------------------|--------|
| Formulated By: <i>Benson Chan</i> | 100721 |
| Reviewed By: <i>Pedro L. Rentas</i> | 100721 |
| | DATE |

SDS Information

Expanded Uncertainty (Solvent Safety Info. On Attached pg.)

| Compound | Part Number | Lot | Dil. Factor | Initial Vol. (mL) | Pipette (mL) | Uncertainty | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty (µg/mL) | CAS# | OSHA PEL (TWA) | LD50 |
|--------------------------|-------------|--------|-------------|-------------------|--------------|-------------|-----------------------|---------------------|------------------------------|----------|-----------------------------|-------------------|
| 1. Bromodichloromethane | 32041 | 041321 | 0.01 | 1.00 | 0.004 | | 20001.1 | 200.0 | 1.8 | 75-27-4 | N/A | or-ral 916mg/kg |
| 2. Bromoform | 32051 | 012621 | 0.01 | 1.00 | 0.004 | | 20001.9 | 200.0 | 1.8 | 75-25-2 | 0.5 ppm (5mg/m3) (skin) | or-ral 933mg/kg |
| 3. Carbon tetrachloride | 32091 | 120820 | 0.01 | 1.00 | 0.004 | | 20001.8 | 200.0 | 1.8 | 56-23-5 | 2 ppm (12.6mg/m3/8h) | or-ral 2350mg/kg |
| 4. Chloroform | 32111 | 113020 | 0.01 | 1.00 | 0.004 | | 20001.8 | 200.0 | 1.8 | 67-66-3 | 50 ppm (240mg/m3) (CL) | or-ral 908mg/kg |
| 5. Dibromochloromethane | 32151 | 093020 | 0.01 | 1.00 | 0.004 | | 20007.2 | 200.1 | 1.8 | 124-48-1 | N/A | or-ral 848mg/kg |
| 6. 1,1-Dichloroethene | 32251 | 070721 | 0.01 | 1.00 | 0.004 | | 20014.9 | 200.1 | 1.8 | 75-35-4 | 1 ppm (4mg/m3/8h) | or-ral 820mg/kg |
| 7. Methylene chloride | 32351 | 012621 | 0.01 | 1.00 | 0.004 | | 20001.2 | 200.0 | 1.8 | 75-09-2 | 500 ppm | or-ral 2629mg/kg |
| 8. Tetrachloroethene | 32411 | 060221 | 0.01 | 1.00 | 0.004 | | 20001.8 | 200.0 | 1.8 | 127-18-4 | 25 ppm (170mg/m3/8h)(final) | or-ral 10300mg/kg |
| 9. 1,1,1-Trichloroethane | 32451 | 012621 | 0.01 | 1.00 | 0.004 | | 20002.3 | 200.0 | 1.8 | 71-55-6 | 350 ppm (1900mg/m3/8h) | or-ral 2402mg/kg |
| 10. Trichloroethene | 32471 | 091420 | 0.01 | 1.00 | 0.004 | | 20004.3 | 200.0 | 1.8 | 79-01-6 | 50 ppm (270mg/m3/8h) | or-ral 2402mg/kg |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N., and Kuyat, C.E., Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result, NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).