



**CERTIFIED WEIGHT REPORT**

**Part Number:** 70318  
**Lot Number:** 092221  
**Description:** 1,2,3,4-Tetrachlorobenzene

**Solvent(s):** Methanol  
**Lot#:** EA783-US

**Expiration Date:** 092231  
**Recommended Storage:** Refrigerate (4 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 6UTB  
**Weight(s) shown below were combined and diluted to (mL):** 50.0

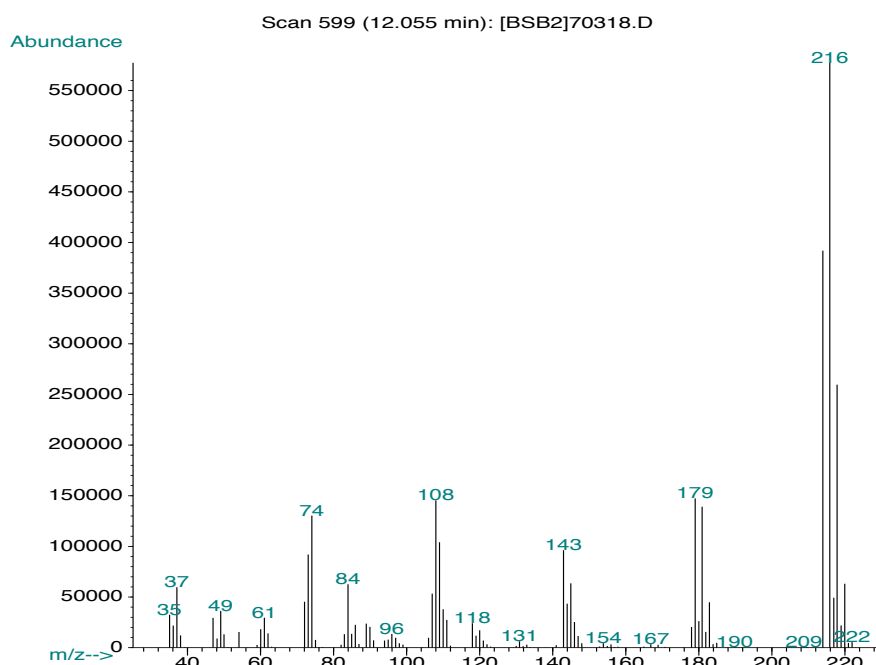
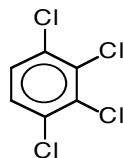
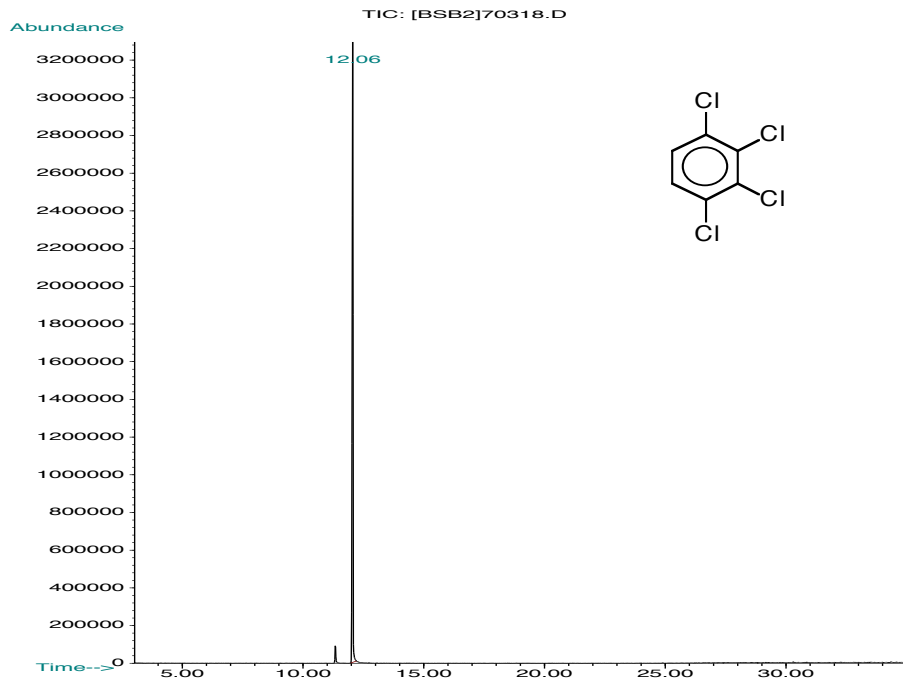
5E-05 Balance Uncertainty  
0.001 Flask Uncertainty

		092221
<b>Formulated By:</b>	Prashant Chauhan	DATE
		092221
<b>Reviewed By:</b>	Pedro L. Rentas	DATE

**Expanded SDS Information**  
(Solvent Safety Info. On Attached pg.)

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. 1,2,3,4-Tetrachlorobenzene	318	FBW01	1000	97.3	0.2	0.05142	0.05156	1002.6	4.6	634-66-2	N/A	ori-rat 1167mg/kg

**Method GC8MSD-3.M:** Column: (30m X 0.25mm ID X 0.25µm film thickness), Temp 1 = 50°C (1min.), Temp 2 = 300°C (4 min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 300°C. Analysis performed by Nicole Poisson.



- 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).