



CERTIFIED WEIGHT REPORT

Part Number: 70019
Lot Number: 030416
Description: Aroclor 1248

Solvent(s): Methanol
Lot# DM417

Expiration Date: 030426
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 822-275872-11

5E-05 Balance Uncertainty
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

	030416
Formulated By: Paul Barron	DATE
	030416
Reviewed By: Pedro L. Rentas	DATE

Expanded
MSDS 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. Aroclor 1248	19	W-108-07	1000	100	0.2	0.10001	0.10011	1001.0	4.1	12672-29-6	N/A	N/A

Run 52, "P70019 L030416 [1000µg/mL in MeOH]"

Run Length: 35.00 min, 21001 points at 10 points/second.
Created: Tue, Mar 8, 2016 at 7:03:48 PM.
Sampled: Sequence "030716-GC14M1", Method "GC14-M1".
Analyzed using Method "GC14-M1".

Comments

GC14-M1 Analysis by Candice Warren
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection = 1.5µL, Range=1

- 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,"

