



CERTIFIED WEIGHT REPORT

产品编号 **Part Number:** **79104** **Solvent:** **Lot#**
产品批号 **Lot Number:** **122823** Water 080423
Description: **Acetaldehyde**

(保质期: 月 月 日 日 年 年) **Expiration Date:** 122825
Recommended Storage: Refrigerate (4 °C) (推荐保存条件: 4)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

		122823
Formulated By:	Prashant Chauhan	DATE
		122823
Reviewed By:	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. Acetaldehyde	1484	14859300	1000	99.5	0.5	0.10053	0.10075	1002.2	10.1	75-07-0	N/A	orl-rat >5000mg/kg

(实际浓度)(扩展不确定度)

- 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).

Comments

GC13-M1Ext80 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow = 290mL/min., Helium (carrier) = 10mL/min., Helium (make-up) = 10mL/min., Hydrogen (make-up) = 40mL/min., Air (make-up) = 230mL/min.
Oven Profile: Temp. 1 = 35°C (Time 1 = 10 min.), Temp 2 = 200°C (Time 2 = 28.75 min.), Rate = 4°C/min., Total run time = 70 min.
Injector temp. = 200°C, FID Temp. = 200°C. FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3

