



CERTIFIED WEIGHT REPORT:

Lot #

Part Number: 59017 (产品编号: 59017) **Solvent:** 013024 ASTM Type 1 Water
Lot Number: 013024 (产品批号: 013024)
Description: Simple Cyanide (CN)

Expiration Date: 013026 (保质期: 2026-01-30)

Recommended Storage: Refrigerate (4 °C)(推荐保存条件: 4 °C)

Nominal Concentration (µg/mL): 1000

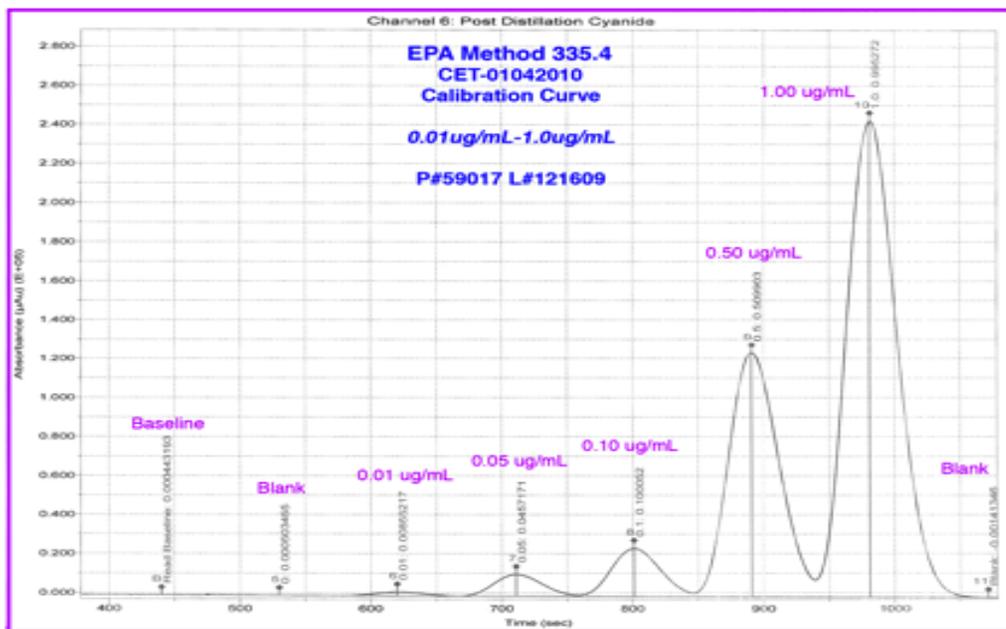
NIST Test Number: 6UTB 5E-05 Balance Uncertainty

Weights shown below were diluted to (mL): 4000.0 0.06 Flask Uncertainty

Formulated By:	Benson Chan	013024
Reviewed By:	Pedro L. Rentas	013024

SDS Information

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)			NIST SRM
											CAS#	OSHA PEL (TWA)	LD50	
(实际浓度) X 扩展不确定度														
1. Potassium cyanide (CN)	IN105	10206876	1000	99.0	0.10	40.0	10.1112	10.1120	1000.1	2.0	151-50-8	5 mg/m3	ori-rat 5mg/kg	3141a
2. Sodium hydroxide (NaOH)	IN340	MKCL7860	NA	98.9	0.10	100.0	6.4454	6.4476	1594.2	NA	1310-73-2	2 mg/m3	ori-mus 6600mg/kg	NA



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
 * Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
 * All standard containers are meticulously cleaned prior to use.
 * 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 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, D.C. (1994).