



**CERTIFIED WEIGHT REPORT:**

Lot #

**Part Number:** 59017 (产品编号: 59017) **Solvent:** 071224 ASTM Type 1 Water  
**Lot Number:** 071224 (产品批号: 071224)  
**Description:** Simple Cyanide (CN)

**Expiration Date:** 071226 (保质期: 2026-07-12)

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

**Nominal Concentration (µg/mL):** 1000

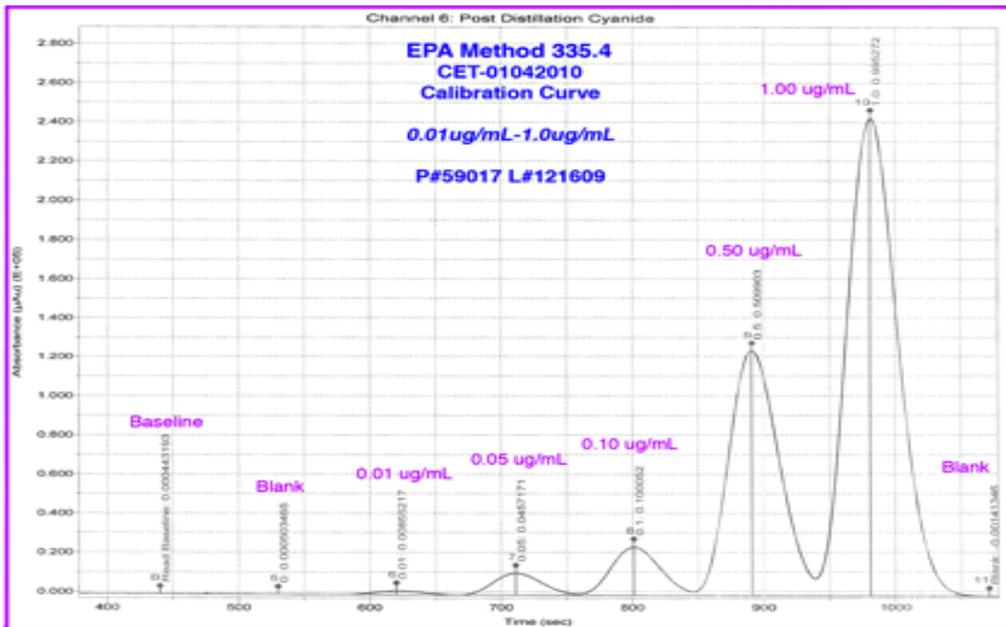
**NIST Test Number:** 6UTB 5E-05 Balance Uncertainty

**Weights shown below were diluted to (mL):** 4000.1 0.15 Flask Uncertainty

Formulated By:	Benson Chan	071224
Reviewed By:	Pedro L. Rentas	071224

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	
1. Potassium cyanide (CN)	IN105	10206876	1000	99.0	0.10	40.0	10.1113	10.1118	1000.0	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	6.4455	6.4459	1593.7	NA	1310-73-2	2 mg/m3	ori-mus 6600mg/kg	NA

(实际浓度) x 扩展不确定度



\* 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).