



**CERTIFIED WEIGHT REPORT:**

**Part Number:** 59017 (产品编号: 59017) **Lot #** 081723  
**Lot Number:** 081723 (产品批号: 081723) **Solvent:** ASTM Type 1 Water  
**Description:** Simple Cyanide (CN)

**Expiration Date:** 081725 (保质期: 2025-08-17)

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

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

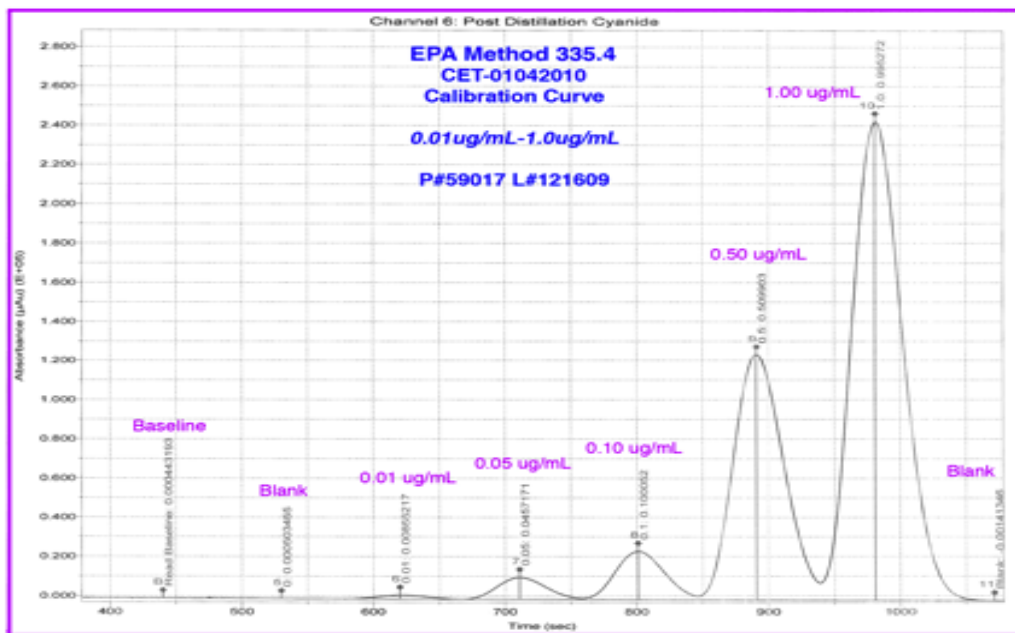
**NIST Test Number:** 6UTB 5E-05 Balance Uncertainty

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

<i>Giovanni Esposito</i>		
Formulated By:	Giovanni Esposito	081723
<i>Pedro L. Rentas</i>		
Reviewed By:	Pedro L. Rentas	081723

**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 × 扩展不确定度)														
1. Potassium cyanide (CN)	IN105	10206876	1000	99.0	0.10	40.0	10.1112	10.1124	1000.1	2.0	151-50-8	5 mg/m3	orl-rat 5mg/kg	3141a
2. Sodium hydroxide (NaOH)	IN340	MKCL7860	NA	98.9	0.10	100.0	6.4454	6.4560	1596.2	NA	1310-73-2	2 mg/m3	orl-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).