



CERTIFIED WEIGHT REPORT:

Lot #

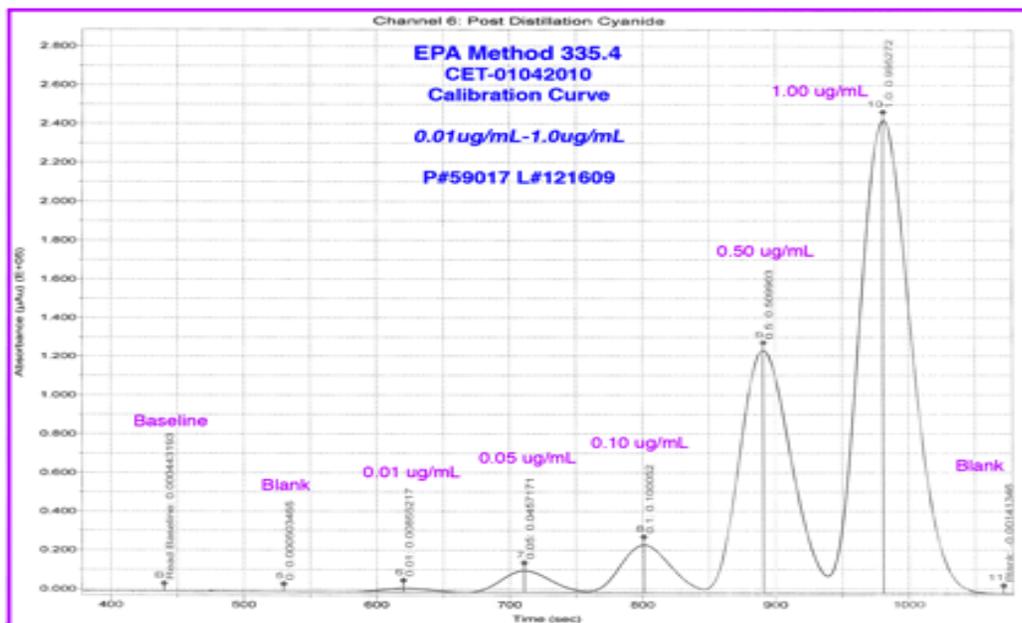
Part Number: 59017 (产品编号: 59017) **Solvent:** 120524 ASTM Type 1 Water
Lot Number: 120524 (产品批号: 071224)
Description: Simple Cyanide (CN⁻)

Expiration Date: 120526 (保质期: 2026-12-05)
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	120524
Reviewed By:	Pedro L. Rentas	120524

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)	CAS#	Solvent Safety Info. On Attached pg.)		NIST SRM
												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	10.1113	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	6.4455	6.4460	1593.7	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).