



CERTIFIED WEIGHT REPORT:

Lot #

Part Number: 59017 (产品编号: 59017) **Solvent:** 050426 ASTM Type 1 Water
Lot Number: 050426 (产品批号: 050426)
Description: Simple Cyanide (CN⁻)

Expiration Date: 050428 / 保质期: 2028-05-04

Recommended Storage: Refrigerate (2°C to 8°C) / 推荐保存条件: 2-8 冷藏

Nominal Concentration (µg/mL): 1000

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

Weights shown below were diluted to (mL): 4999.5 0.01 Flask Uncertainty

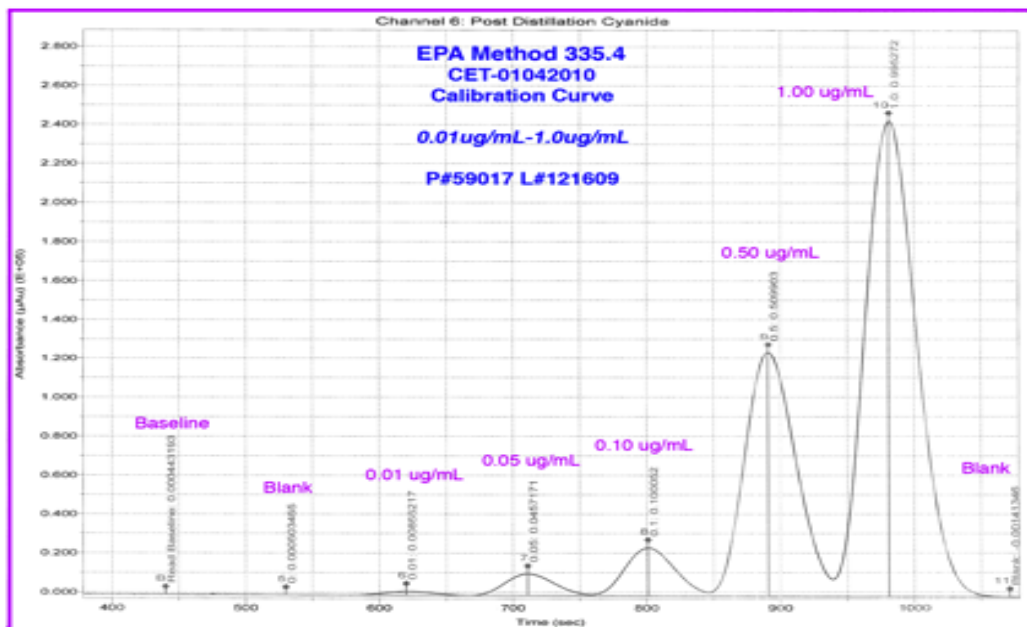
Formulated By:	Benson Chan	050426
Reviewed By:	Pedro L. Rentas	050426

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 information on attached page.)			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	12.6375	12.6387	1000.1	2.0	151-50-8	5 mg/m3	ori-rat 5mg/kg	3141a
2. Sodium hydroxide (NaOH)	IN340	MKCX3154	NA	99.3	0.10	100.0	8.0558	8.0601	1600.9	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 by an ISO17025 certified organization with weights traceable through NIST to the SI kilogram (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). Rev 1.0, 2/25/2025