

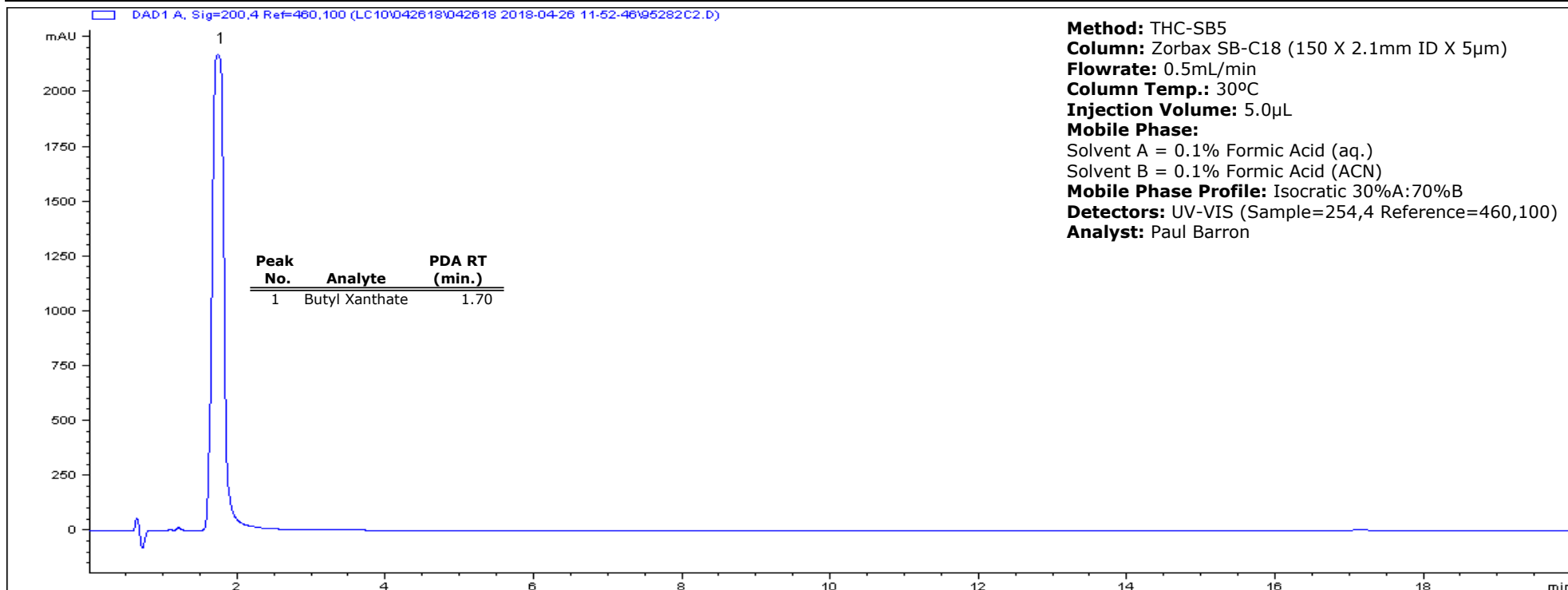


CERTIFIED WEIGHT REPORT:

Part Number: 95282 (产品编号: 95282)
Lot Number: 111723 (产品批号: 111723)
Description: Potassium Butylxanthate as (Butylxanthate Acid)
Expiration Date: 111726 (保质期: 2026-11-17) **Solvent:** Lot#
Recommended Storage: Refrigerate (4 °C)(推荐保持条件: 4) ASTM Type 1 Water 080423
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 100.0 0.021 Flask Uncertainty

		111723
Formulated By:	Anthony Mahoney	DATE
		111723
Reviewed By:	Pedro L. Rentas	DATE

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 Butylxanthate as (Butylxanthate Acid)	2752	FIK01	1000.0	95	1.10	79.2	0.13287	0.13317	1002.2	23.2	871-58-9	N/A	ori-rat 456mg/kg	NA



Method: THC-SB5
Column: Zorbax SB-C18 (150 X 2.1mm ID X 5µm)
Flowrate: 0.5mL/min
Column Temp.: 30°C
Injection Volume: 5.0µL
Mobile Phase:
 Solvent A = 0.1% Formic Acid (aq.)
 Solvent B = 0.1% Formic Acid (ACN)
Mobile Phase Profile: Isocratic 30%A:70%B
Detectors: UV-VIS (Sample=254,4 Reference=460,100)
Analyst: Paul Barron

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- 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, after opening ampule, 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, DC, (1994).