



Agilent Technologies

Certificate of Analysis

Forensic Toxicology Comprehensive Mix – Submix 9A

**Agilent Part
Number:** **5190-0564A**

**Sample Lot
Number:** **CM-3226**

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Certified Value
Codeine	000076-57-3	RM05722	$100.3 \pm 0.5 \mu\text{g/mL}$
Acetylcodeine	006703-27-1	RM06462	$100.2 \pm 0.5 \mu\text{g/mL}$
Dihydrocodeine bitartrate (as Dihydrocodeine)	005965-13-9 (N/A)	RM06473	$100.1 \pm 0.5 \mu\text{g/mL}$
Hydromorphone hydrochloride (as Hydromorphone)	000071-68-1 (000466-99-9)	RM06417	$100.2 \pm 0.5 \mu\text{g/mL}$
Oxycodone hydrochloride (as Oxycodone)	000124-90-3 (000076-42-6)	RM06142	$100.2 \pm 0.5 \mu\text{g/mL}$
EDDP iodide (as EDDP)	N/A (N/A)	RM06594	$100.2 \pm 0.5 \mu\text{g/mL}$
Buprenorphine hydrochloride (as Buprenorphine)	053152-21-9 (052485-79-7)	RM05852	$100.4 \pm 0.5 \mu\text{g/mL}$
Normeperidine hydrochloride (as Normeperidine)	024465-45-0 (000077-17-8)	RM06463	$100.1 \pm 0.5 \mu\text{g/mL}$

Solvent: acetonitrile / water (9:1)

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

Storage: Store at Room Temperature (18-25°C), Do Not Refrigerate

Date of release: **15 June 2015**
Date of expiration: **31 July 2016**



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