



Certificate of Analysis

SFC Caffeine in Methanol Standard

**Agilent Part
Number:** 5190-0552

**Sample Lot
Number:** N080820

This Certified Reference Material (CRM) 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.

Vial	Lot #	Analyte	CAS#	Purity	Certified Value	Analytical Value
5190-0552-1	CJ-3407A	Caffeine	000058-08-2	99+%	2.00 µg/mL	1.90 ± 0.01 µg/mL
5190-0552-2	CJ-3408A	Caffeine	000058-08-2	99+%	10.0 µg/mL	9.80 ± 0.06 µg/mL
5190-0552-3	CJ-3409A	Caffeine	000058-08-2	99+%	50.0 µg/mL	48.9 ± 0.2 µg/mL
5190-0552-4	CJ-3410A	Caffeine	000058-08-2	99+%	100.0 µg/mL	96.6 ± 0.1 µg/mL
5190-0552-5	CJ-3411A	Caffeine	000058-08-2	99+%	200.0 µg/mL	194.8 ± 0.5 µg/mL
5190-0552-6	CJ-3412A	Methanol	000067-56-1	99+%	solvent blank	N/A

Solvent: methanol

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.

Date of release: 26 November 2013

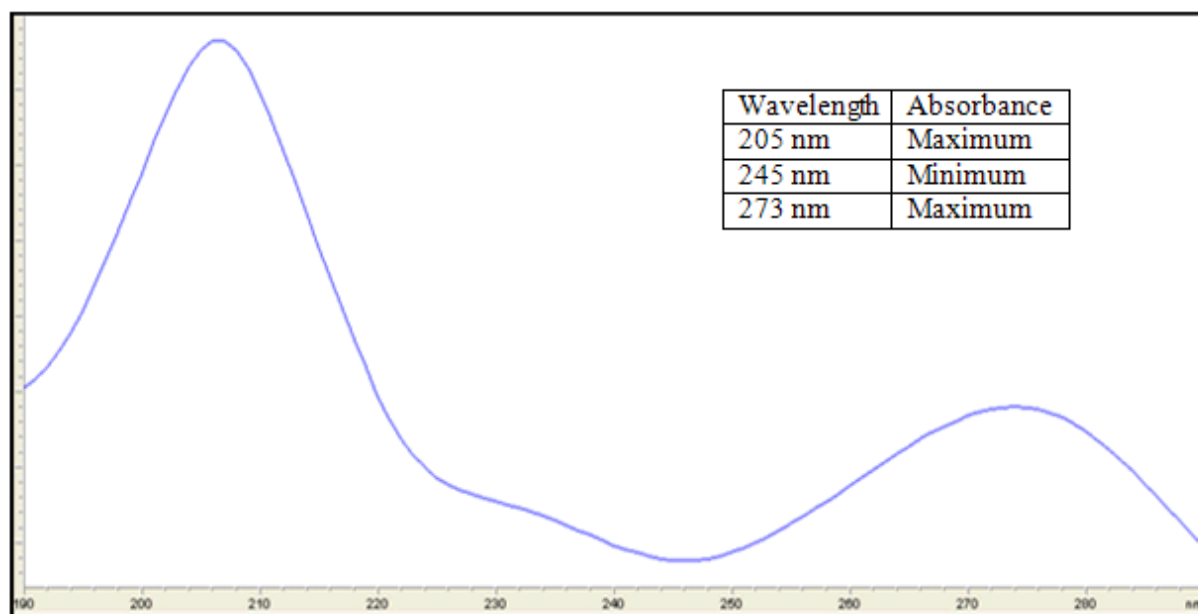
Date of expiration: 31 December 2015


William J. Leach
Quality Assurance Manager



Agilent Technologies

UV/VIS Spectrum: 5190-0552-3 Caffeine in Methanol, 50 µg/mL



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