



Certificate of Analysis

GC EU PAH Standard, 250 µg/mL

**Agilent Part
Number:** 5190-0487

**Sample Lot
Number:** CM-6222Z

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
benzo[a]pyrene	000050-32-8	RM06930	250.7 ± 1.3 µg/mL
dibenz[a,h]anthracene	000053-70-3	RM06786	250.5 ± 1.3 µg/mL
indeno[1,2,3-cd]pyrene	000193-39-5	RM03401	250.4 ± 1.3 µg/mL
benzo[ghi]perylene	000191-24-2	RM09992	250.5 ± 1.3 µg/mL
dibenzo[a,i]pyrene	000189-55-9	RM01183	251.1 ± 1.3 µg/mL
dibenzo[a,e]pyrene	000192-65-4	RM06586	250.6 ± 1.3 µg/mL
dibenzo[a,l]pyrene	000191-30-0	RM03492	250.5 ± 1.3 µg/mL
dibenzo[a,h]pyrene	000189-64-0	RM06587	250.3 ± 1.3 µg/mL
benz[a]anthracene	000056-55-3	RM06788	250.7 ± 1.3 µg/mL
chrysene	000218-01-9	RM10768	250.6 ± 1.3 µg/mL
cyclopenta[c,d]pyrene	027208-37-3	RM01447	250.6 ± 1.3 µg/mL
5-methylchrysene	003697-24-3	RM10292	250.7 ± 1.3 µg/mL
benzo[b]fluoranthene	000205-99-2	RM09988	250.8 ± 1.3 µg/mL
benzo[k]fluoranthene	000207-08-9	RM10962	250.7 ± 1.3 µg/mL
benzo[j]fluoranthene	000205-82-3	RM03515	250.5 ± 1.3 µg/mL
benzo[c]fluorene	000205-12-9	RM03490	250.2 ± 1.3 µg/mL

Solvent: acetone/methylene chloride (80:20)

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: 03 Apr 2018
Date of expiration: 31 May 2020


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