



# Certificate of Analysis

## Custom Standard

**Product Number:** CUS-16452

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**Lot Number:** CP-5200

**Lot Issue Date:** 17-Oct-2016

**Expiration Date:** 30-Nov-2018

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acenaphthene	000083-32-9	RM10879	100.2 ± 0.5 µg/mL
fluorene	000086-73-7	RM09441	100.4 ± 0.5 µg/mL
phenanthrene	000085-01-8	RM10495	100.3 ± 0.5 µg/mL
anthracene	000120-12-7	RM03477	100.3 ± 0.5 µg/mL
pyrene	000129-00-0	RM03479	100.3 ± 0.5 µg/mL
benz[a]anthracene	000056-55-3	RM06788	100.4 ± 0.5 µg/mL
chrysene	000218-01-9	RM11308	100.1 ± 0.5 µg/mL
benzo[b]fluoranthene	000205-99-2	RM09988	100.2 ± 0.5 µg/mL
benzo[k]fluoranthene	000207-08-9	RM10962	100.3 ± 0.5 µg/mL
benzo[a]pyrene	000050-32-8	RM06930	100.3 ± 0.5 µg/mL
indeno[1,2,3-cd]pyrene	000193-39-5	RM03401	100.3 ± 0.5 µg/mL
dibenz[a,h]anthracene	000053-70-3	RM06786	100.5 ± 0.5 µg/mL
benzo[ghi]perylene	000191-24-2	RM09992	100.4 ± 0.5 µg/mL

**Matrix:** methylene chloride (dichloromethane)

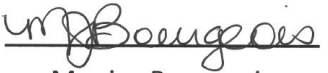
**Storage:** Store at Room Temperature (15° to 30°C).

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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John Russo  
President

  
Monica Bourgeois  
Director of QA/RA