



Agilent Technologies



Certificate of Analysis

AED Test Mixture #1

Agilent Part
Number:

8500-5068

Sample Lot
Number:

CC-0014

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001:2000 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. 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
n-octane	000111-65-9	9612212	4.04 ± 0.02 % (w/w)
n-dodecane	000112-40-3	981119C	4.30 ± 0.02 % (w/w)
n-tridecane	000629-50-5	EW-0922DW	0.434 ± 0.002 % (w/w)
n-tetradecane	000629-59-4	201800B	0.132 ± 0.001 % (w/w)
4-fluoroanisole	000459-60-9	DG-06827MV	0.0653 ± 0.0003 % (w/w)
1-bromohexane	000111-25-1	A-18A	0.0682 ± 0.0003 % (w/w)
decane-d22	016416-29-8	D-8061	0.0492 ± 0.0002 % (w/w)
tetraethyl orthosilicate	000078-10-4	TV-04128PV	0.0530 ± 0.0003 % (w/w)
nitrobenzene	000098-95-3	HK-2925LK	0.0691 ± 0.0003 % (w/w)
tert-butyldisulfide	000110-06-5	80683	0.0531 ± 0.0003 % (w/w)
1,2,4-trichlorobenzene	000120-82-1	00334TQ	0.0831 ± 0.0004 % (w/w)

Matrix: iso-octane (2,2,4-trimethylpentane)

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: 6 January, 2006
Date of expiration: 28 February, 2008

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