



Certificate of Analysis

Boiling Point Calibration Sample #1

**Agilent Part
Number:** 5080-8716

**Sample Lot
Number:** CR-0037A

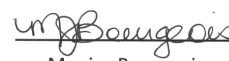
This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Analyte	CAS#	Analyte Lot	Certified Value
n-pentane	000109-66-0	RM06976	8.22 ± 0.04 % (w/w)
n-hexane	000110-54-3	RM12013	4.41 ± 0.02 % (w/w)
n-heptane	000142-82-5	RM09615	4.61 ± 0.02 % (w/w)
n-octane	000111-65-9	NT01970	4.71 ± 0.02 % (w/w)
n-nonane	000111-84-2	RM04271	4.81 ± 0.02 % (w/w)
n-decane	000124-18-5	RM11945	9.73 ± 0.05 % (w/w)
n-undecane	001120-21-4	RM04270	4.92 ± 0.02 % (w/w)
n-dodecane	000112-40-3	RM10584	19.9 ± 0.1 % (w/w)
n-tetradecane	000629-59-4	RM09997	10.2 ± 0.1 % (w/w)
n-pentadecane	000629-62-9	RM01063	5.11 ± 0.03 % (w/w)
n-hexadecane	000544-76-3	NT01442	10.3 ± 0.1 % (w/w)
n-heptadecane	000629-78-7	RM04188	5.22 ± 0.03 % (w/w)
n-octadecane	000593-45-3	RM09995	2.21 ± 0.01 % (w/w)
n-eicosane	000112-95-8	RM04169	1.30 ± 0.01 % (w/w)
n-tetracosane	000646-31-1	NT01714	0.901 ± 0.005 % (w/w)
n-octacosane	000630-02-4	RM10552	0.903 ± 0.005 % (w/w)
n-hexatriacontane	000630-06-8	RM04274	0.903 ± 0.005 % (w/w)
n-tetracontane	004181-95-7	RM10183	0.902 ± 0.005 % (w/w)
n-dotriacontane	000544-85-4	NT02038	0.901 ± 0.005 % (w/w)

Solvent: none

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/NCCL Z-540-1 and ISO 9001.

Date of release: 12 Sep 2018
Date of expiration: 31 Oct 2020


Monica Bourgeois
QMS Representative