



**Agilent Technologies**



---

## Certificate of Analysis

### RRLC Check out Sample

**Agilent Part  
Number:**

**5188-6529**

**Sample Lot  
Number:**

**CD-2451**

#### Concentrations:

acetophenone	100.0	µg/mL ( $\pm 0.5\%$ )
propiophenone	100.0	µg/mL ( $\pm 0.5\%$ )
butyrophenone	100.0	µg/mL ( $\pm 0.5\%$ )
valerophenone	100.0	µg/mL ( $\pm 0.5\%$ )
hexanophenone	100.0	µg/mL ( $\pm 0.5\%$ )
heptanophenone	100.0	µg/mL ( $\pm 0.5\%$ )
octanophenone	100.0	µg/mL ( $\pm 0.5\%$ )
benzophenone	100.0	µg/mL ( $\pm 0.5\%$ )
acetanilide	100.0	µg/mL ( $\pm 0.5\%$ )

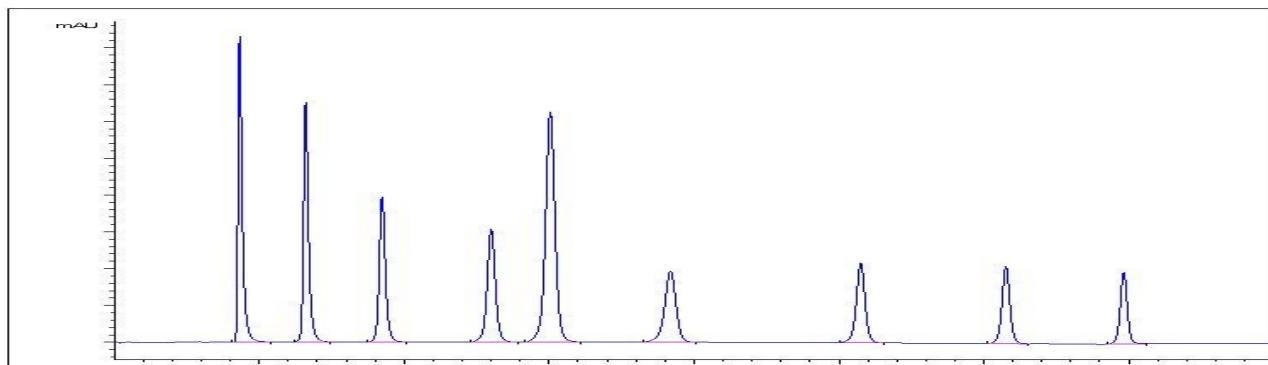
In water / acetonitrile (65:35 v/v) as solvent

#### Purities:

acetophenone	99%
propiophenone	99%
butyrophenone	99%
valerophenone	99%
hexanophenone	99%
heptanophenone	98%
octanophenone	99%
benzophenone	99%
acetanilide	99%
water	99%
acetonitrile	99%

This standard has been produced gravimetrically and volumetrically using ISO9001 quality procedures. Balances used are calibrated regularly and meet the requirements of ISO 17025 augmented by ANSI/NCSL Z540-1-1994. Gas chromatography was used to verify the standard concentration.

#### Typical Analytical Spectrum or Chromatogram



**Date of release: 22 December, 2006**

**Date of expiration: 31 January, 2008**

*Edward Fitzgerald- PHD*

**Edward Fitzgerald**

QAQC Manager

Ultra Scientific, Inc