



Certificate of Analysis

RRLC Checkout Sample

Agilent Part**Number: 5188-6529****Sample Lot****Number: CK-4058**

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The certified value and uncertainty value for each analyte was determined gravimetrically.

Concentrations:

acetophenone	100.2 µg/mL (± 0.5%)
propiophenone	100.2 µg/mL (± 0.5%)
butyrophenone	100.2 µg/mL (± 0.5%)
valerophenone	100.2 µg/mL (± 0.5%)
hexanophenone	100.2 µg/mL (± 0.5%)
heptanophenone	100.0 µg/mL (± 0.5%)
octanophenone	100.2 µg/mL (± 0.5%)
benzophenone	100.3 µg/mL (± 0.5%)
acetanilide	100.3 µg/mL (± 0.5%)

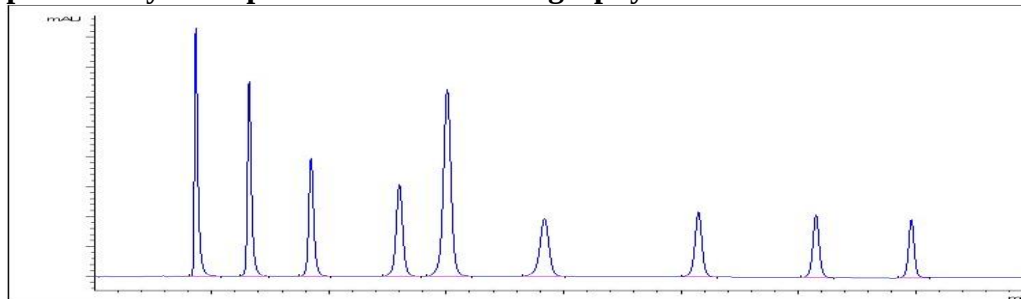
Solvent: water / acetonitrile (65:35 v/v)

ULTRA Scientific uses calibrated Class A glassware and clean bottles in the manufacture of ULTRA standards. 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.

Purities:

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

Typical Analytical Spectrum or Chromatography

**Date of release: 09 December 2013****Date of expiration: 31 January 2015**
William J. Leary
Quality Assurance Manager