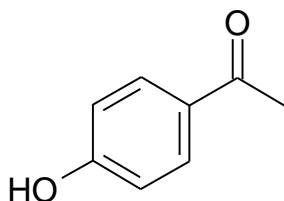


## Certificate of Analysis

\*Revised 22 October 2015

### Structure:



Name	1-(4-hydroxyphenyl)ethanone*
BP Name	Paracetamol Impurity E*
Synonym(s)	<i>para</i> -hydroxyacetophenone; 4'-hydroxyacetophenone; 4-hydroxyacetophenone; <i>p</i> -hydroxyacetophenone
Epichem Item #	EPL-AA114 Batch 1
CAS #	99-93-4
Molecular Formula	C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>
Molecular Weight	136.15 g/mol
Purity	99.8% (weight/weight) 100.0% by HPLC at 220nm and 278nm (assuming all components detected with the same response factor). No significant impurities detected by <sup>1</sup> H NMR. 0.2% water by Karl-Fisher method. 0.005% ash.
Combustion Analysis	Required (%): C:70.6; H:5.9. Found (%): C:70.7; H:6.0.
Appearance	White powder
Melting Point	109.5-110.5°C
Date of Manufacture	17 May 2012
Storage Requirements	Protect from heat, light, moisture and air
Special Precautions	<b>This compound is for laboratory use only. Its toxicological properties may not have been fully established. It should be handled only by suitably qualified personnel.</b>

John Moursounidis, PhD  
Head Fine Chemicals & Technical Services  
22 October 2015