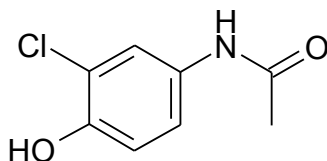


## Certificate of Analysis

\*Revised 22 October 2015

\*\*Revised 27 March 2017

### Structure:



Name	<i>N</i> -(3-chloro-4-hydroxyphenyl)acetamide*
BP Name	Paracetamol Impurity C*
Synonym(s)	3-chloro-4-hydroxyacetanilide; 2-chloro-4-acetaminophenol
Epichem Item #	EPL-AA112 Batch 1
CAS #	3964-54-3
Molecular Formula	C <sub>8</sub> H <sub>8</sub> ClNO <sub>2</sub>
Molecular Weight	185.61 g/mol
Purity	99.4% (weight/weight)** 99.8% by HPLC at 254nm (assuming all components detected with the same response factor).** No significant impurities detected by <sup>1</sup> H NMR analysis. 0.15% water by Karl-Fischer method. 0.2% ash.
Combustion Analysis	Required (%): C:51.8; H:4.3; N:7.5. Found (%): C:51.8; H:4.6; N:7.3.
Appearance	Brown powder
Melting Point	142-143°C
Date of Manufacture	21 December 2011
Storage Requirements	Protect from heat, light and moisture
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 Moursoundis, PhD  
Head Fine Chemicals & Technical Services  
27 March 2017