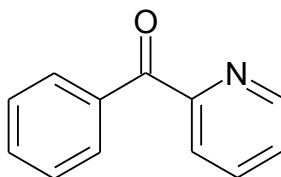


Certificate of Analysis

*Revised 14 May 2015

**Revised 1 September 2015

Structure:



Name	phenyl(pyridin-2-yl)methanone
BP Name	Doxylamine Succinate Impurity D**
Synonym(s)	2-benzoylpyridine
Epichem Item #	EPL-AA78 Batch 1
CAS #	91-02-1
Molecular Formula	C ₁₂ H ₉ NO
Molecular Weight	183.21 g/mol
Purity	99.5% (weight/weight) 100.0% by HPLC at 270nm (assuming all components detected with the same response factor).* No significant impurities detected by ¹ H NMR analysis. 0.3% water by Karl-Fischer method. 0.2% ash.
Combustion Analysis	Required (%): C:78.7; H:5.0; N:7.6. Found (%): C:79.1; H:5.1; N:7.6.
Appearance	White crystals
Melting Point	42-44°C
Date of Manufacture	25 October 2010
Storage Requirements	Protect from heat, light and moisture
Special Precautions	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.

John Moursounidis, PhD
Head of Production
1 September 2015