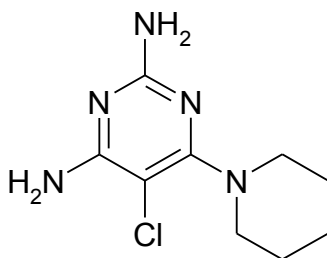


Certificate of Analysis

Structure:



Name	2,4-diamino-5-chloro-6-piperidin-1-ylpyrimidine
Epichem Item #	EPL-AA63 Batch 5
CAS #	Not available
Molecular Formula	C ₉ H ₁₄ ClN ₅
Molecular Weight	227.70 g/mol
Purity	99.6% (weight/weight) 99.7% by HPLC at 302nm (assuming all components detected with the same response factor). No significant impurities detected by ¹ H NMR analysis. 0.01% water by Karl-Fischer method. 0.08% ash.
Combustion Analysis	Required (%): C: 47.5; H: 6.2; N: 30.8. Found (%): C: 47.4; H: 6.3; N: 30.7.
Appearance	Off-white crystalline plates
Melting Point	149.4-150.3°C
Date of Manufacture	1 July 2013
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.