

Certificate of Analysis

Structure: <div style="text-align: center;"> </div>	
Name	(1R,4R)-4,6-dihydroxy-1-(hydroxymethyl)-2-methyl-1,2,3,4-tetrahydroisoquinolinium chloride
Epichem Item #	EPL-AA202 Batch 1
CAS #	Not available
Molecular Formula	C ₁₁ H ₁₅ NO ₃ .HCl
Molecular Weight	245.70 g/mol
Purity	99.5% (weight/weight) 99.8% at 220nm by HPLC (assuming all components detected with the same response factor). Contains 0.12% (weight/weight) ethanol by ¹ H NMR analysis. 0.17% water by Karl-Fischer method. 0.001% ash.
Combustion Analysis	Required (%): C:53.8; H:6.6; N:5.7; Cl:14.4. Found (%): C:53.8; H:6.6; N:5.8; Cl:14.2.
Appearance	White crystalline powder
Melting Point	169.3-181.2°C
Date of Manufacture	23 August 2016
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.