

## Certificate of Analysis

<b>Structure:</b> <div style="text-align: center;"> </div>	
Name	Tropine methylbromide
Synonym(s)	<i>endo</i> -3-hydroxy-8,8-dimethyl-8-azoniabicyclo[3.2.1]octane bromide
Epichem Item #	EPL-AA220 Batch 1
CAS #	13206-03-6
Molecular Formula	C <sub>9</sub> H <sub>18</sub> BrNO
Molecular Weight	236.15 g/mol
Purity	99.2% (weight/weight) 99.2% (weight/weight) by quantitative <sup>1</sup> H NMR analysis. <sup>1</sup> H NMR spectrum consistent with chemical structure. 0.18% water by Karl-Fischer method. 0.02% ash.
Combustion Analysis	Required (%): C:45.8; H:7.7; N:5.9. Found (%): C:46.7; H:7.7; N:6.1.
Appearance	White crystalline flakes
Melting Point	358-363°C (with decomposition)
Date of Manufacture	14 December 2016
Storage Requirements	Hygroscopic. Protect from heat, light and moisture. Handle under nitrogen.
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>