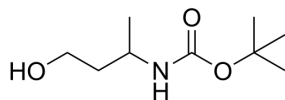


## Certificate of Analysis

<b>Product Name:</b>	tert-Butyl (4-hydroxybutan-2-yl)carbamate
<b>Cat. No.:</b>	CS-0133097
<b>CAS No.:</b>	146514-31-0
<b>Batch No.:</b>	235564
<b>Chemical Name:</b>	Carbamic acid, N-(3-hydroxy-1-methylpropyl)-, 1,1-dimethylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>19</sub> NO <sub>3</sub>
<b>Molecular Weight:</b>	189.25
<b>Storage:</b>	Storage temp. 2-8°C
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	Colorless to off-white (Solid-liquid mixture)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (GC):</b>	97.56%
<b>Optical Rotation:</b>	-0.3° (C=0.48 g/100ml, CHCL <sub>3</sub> )
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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