

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03169
<b>Product</b>	<b>L-Alaninol</b>  (S)-2-Amino-1-propanol  L-Ala-ol
<b>CAS Number</b>	2749-11-3
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>9</sub> NO
<b>Molecular Weight</b>	75.11
<b>Appearance</b>	Colorless transparent liquid
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +17.5 ± 0.5° (Neat)
<b>Related Substances</b>	Single impurity: ≤ 0.5% Total impurity: ≤ 1.0% (R)-(-)-2-Alaninol: ≤ 0.1%
<b>Purity by GC</b>	≥ 99%
<b>Chiral Purity</b>	≥ 99.9% (ee)
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**