



Sarcem Laboratories Inc.  
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## Certificate of Analysis

<b>Product Code</b>	<b>S1013</b>		
<b>Product Name</b>	D-Alaninol (R)-2-Amino-1-propanol D-Ala-ol		
<b>CAS Number</b>	35320-23-1		
<b>Molecular Formula</b>	<b>C<sub>3</sub>H<sub>9</sub>NO</b>	<b>Molecular Weight</b>	<b>75.11</b>

The undersigned hereby certifies the following data to be true specification of the obtained results of tests and assays.

<b>Tests</b>	<b>Results</b>
Appearance	Colorless to light yellow viscous liquid
Water Content (Karl Fisher)	0.9%
Optical Rotation	$[\alpha]_D^{20} = -17.4^\circ$ (Neat)
Purity by GC	99.4%
Chiral Purity	99.2% (ee)
Storage	Store at 0-8°C

November 12, 2020

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Date of Release

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Laboratory Manager