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CERTIFICATE OF ANALYSIS

CAT. No.: 027253S

<u>Product Name:</u>	ALLIIN with HPLC
<u>CAS No.:</u>	[556-27-4]
<u>Lot Number:</u>	02060308
<u>Chemical Name:</u>	(S)-3-(allylsulfinyl)-L-alanine
<u>Chemical Formula:</u>	C ₆ H ₁₁ NO ₃ S
<u>MW:</u>	177.22
<u>Melting Point:</u>	150-153°C
<u>Appearance:</u>	White powder

Thin layer chromatography

-Support:	Silica gel
-Solvent:	n Butanol/n propanol/acetic acid/water (3/1/1/1:V/V/V/V)
-Detection:	Ninhydrine

<u>Moisture:</u>	1.94%
<u>Specific Rotation:</u>	$[\alpha]^d = +61.3^\circ (c=0.3 \text{ in water})$
<u>Purity:</u>	99.28%

