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CERTIFICATE OF ANALYSIS

CAT. No.: 027253S

<u>Product Name:</u>	ALLIIN with HPLC (S)-3-(allylsulfinyl)-L-alanine
<u>CAS No.:</u>	[556-27-4]
<u>Lot Number:</u>	10030911
<u>Chemical Family:</u>	Sulfur derivatives
<u>Chemical Formula:</u>	C ₆ H ₁₁ NO ₃ S
<u>Molecular Weight:</u>	177.23
<u>Melting Point:</u>	153-155°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>	1.3%
<u>Specific Rotation:</u>	$[\alpha]^d = +62^\circ$ (c=0.8 in water)
<u>Purity:</u>	98%

