Certificate of Analysis

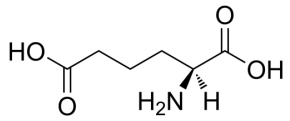
(S)-2-Aminohexanedioic acid

Cat. No.:	HY-W013665
CAS No.:	1118-90-7
Batch No.:	320309
Chemical Name:	Hexanedioic acid, 2-amino-, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_6H_{11}NO_4$		
Molecular Weight:	**161.16**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	**≥97.0%**
Optical Rotation:	20.001° (C=1.00 g/100ml, 1N HCL)
Conclusion:	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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