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CERTIFICATE OF ANALYSIS

Product Name N-(1-Deoxy-D-fructos-1-yl)-L-valine
Product Code 91008
Batch No W/SAMPLE
CAS Number 10003-64-2
Molecular Formula C₁₁H₂₁NO₇
Molecular Weight 279.3
Product Storage To prevent deterioration, the product should be stored in tightly closed containers in a freezer or cold room at -20 degrees centigrade.

Test	Specification	Result
Appearance	White to off-white powder	Off-white powder
Specific Optical Rotation	[alpha]D -40° to -44°	[alpha]D -42°
Specific Optical Rotation Method	c = 2 in water, 20°C	c = 2 in water, 20°C
Free valine content	<1% (by TLC)	<1%
Expiration date		01 January 2007

Date of Issue 01 January 2001 **Version** 1

Chemist Mrs Ellen Atkinson MChem.

Approval

Document No. 91008/W/SAMPLE