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Certificate of Analysis

Catalogue Number	07067
Lot Number	000127-1046128
Product	N-ω-Hydroxy-L-norarginine nor-NOHA L-2-Amino-{4-(2'-hydroxyguanidino)butyric acid
CAS Number	189302-40-7
Molecular Formula	C ₅ H ₁₂ N ₄ O ₃
Molecular Weight	176.21

Appearance	Off-white powder
Appearance of Solution	Clear, slightly yellow solution (50 mg/mL in Acetone), Clear, slightly yellow solution (50 mg/ml in 80% acetic acid)
Water Content (Karl Fisher)	0.5%
TLC System	Methanol/Chloroform/Ammonia 17% (2/2/1) n-butanol/Acetic acid/H ₂ O (4/2/2) Ethyl acetate/Pyridine/Acetic Acid/H ₂ O (60/60/12/36) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine, TMB
Optical Rotation	[α] _D ²⁴ = + 14.8° (C=1% in 80% acetic acid)
Purity by TLC	> 97%
Storage	Store at 0-8 °C
Additional Information	Acetic Acid: 34.3%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager