# 

# Certificate of Analysis

## Naspm

Cat. No.:	HY-12506
CAS No.:	122306-11-0
Batch No.:	381005
Chemical Name:	1-Naphthaleneacetamide, N-[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{22}H_{34}N_4O$		
Molecular Weight:	370.53		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

**Chemical Structure:** 

NH<sub>2</sub>

### ANALYTICAL DATA

Appearance:	Colorless to light yellow (Liquid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	96.30%
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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