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Certificate of Analysis

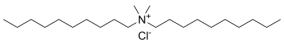
N-Decyl-N,N-dimethyldecan-1-aminium (chloride)

Cat. No.:	HY-W042181
CAS No.:	7173-51-5
Batch No.:	145755
Chemical Name:	1-Decanaminium, N-decyl-N,N-dimethyl-, chloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{22}H_{48}ClN$		
Molecular Weight:	**362.08**		
Storage:	Pure form	-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-liquid mixture)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
Water(KF):	0.10%
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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