



Version	00
Molecular weight	107.12
Quality Test / Release Date	04/20/2018
Molecular Formula	C ₆ H ₁₄ LiN
CAS No	4111-54-0
Linear Formula	
Flash Point (°C)	2

Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	26883	Quality Test / Release Date 04/20/2018
Lot Number	A0396002	
Description	Lithium diisopropylamide, 2M sol. in THF/n-heptane/ethylbenzene, AcroSeal®	
Country of Origin	GERMANY	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Dark yellow to orange to dark red-brown	Dark yellow to orange to dark red-brown
Appearance (Form)		Solution	Solution
Titration with HClO ₄		24.6 to 30.0 %	27.6 %
Additional info		Typical composition:	Typical composition:
Additional info		Lithium diisopropylamide: 26.0 % (2.0 M)	Lithium diisopropylamide: 26.0 % (2.0 M)
Additional info		Magnesium: 0.33 %	Magnesium: 0.33 %
Additional info		Solvent:	Solvent:
Additional info		Tetrahydrofuran: 26%	Tetrahydrofuran: 26%
Additional info		n-Heptane: 28 %	n-Heptane: 28 %
Additional info		Ethylbenzene: 13 %	Ethylbenzene: 13 %
Additional info		Remark: keep soln. at < 10°C at which it is stable	Remark: keep soln. at < 10°C at which it is stable



A handwritten signature in black ink, which appears to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 04-20-2018

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