



Version	02
Molecular weight	318.89
Quality Test / Release Date	07/02/2020
Molecular Formula	C19 H27 Cl N2
CAS No	1034449-15-4
Linear Formula	
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the lot number below 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. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

<b>Catalog Number</b>	43509	<b>Quality Test / Release Date</b>	07/02/2020
<b>Lot Number</b>	336381	<b>Suggested retest date</b>	07/02/2023
<b>Description</b>	1,3-Dicyclohexylbenzimidazolium chloride, 95%		
<b>Country of Origin</b>	CANADA		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White to grey to tan	Pale tan
Appearance (Form)	Powder	Powder
Infrared spectrum	Conforms	Conforms
Elemental Analysis	67.30 to 75.90 % (C)	69.38 to 69.41 % (C)
Elemental Analysis	8.25 to 9.31 % (N)	8.50 to 8.56 % (N)
NMR (1H-NMR)		Consistent with structure



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

Issued: 07-13-2020

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