

SynQuest Laboratories, Inc.

P.O. 309 Alachua, FL 32616

Product Specification Sheet

Product Number: M016-2-00

Product Name: Lithium bis(fluorosulfonyl)imide

CAS#: 171611-11-3

Recommended retest period: 36 Months

TEST	TARGET	ADDITIONAL NOTES
PURITY (ICP), %	>= 98.0 and <= 100.0	Purity based on total of impurities by ICP.
COMMENTS	SEE MEMO -20	free form comments
IDENTITY	CONFORMS	Does all the data at hand indicate this is the right material
APPEARANCE (FORM)	SOLID	Visual report
BSE/TSE - SYNTHETIC MATERIAL	YES	Enter 'Yes' or 'No'
Did SQL use a VCA for CoA?	Yes	Venders CoA was used as the source for Data.

QC Memo:

By: NICKG Date: 12/8/2022 9:08:46 AM

PN is not lithium oxalate (see PN 2122-0-00)... ignore below statements: 11, 13

Lithium oxalate

10 Purity by ICP.

11 NMR C13 Quant NMR? No protons or fluorine.

13 Titration T-01 HClO4 Titration. 2 equiv.

20 Add note to ICP purity "note: Purity Based on Trace Metals Analysis."

Melting point - not listed. Material decomposes readily when heated.

30 Identity IR Matches Reference; NMR Conforms; ... List as appropriate.

31 NMR NMR Conforms to Structure or NMR Matches Reference

32 FTIR IR Matches Reference Diamond Anvil ATR or transmission

Appearance of material: White Powder

Print Date: 4/20/2023

Version: 4/19/2023

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