



## Certificate of Analysis (COA)

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网址/Website: [www.Fluoking.com](http://www.Fluoking.com)

批号/Lot number: FD001-2018101801

### 基本信息/Basic information

名称/Name: 3,4-二氟马来酸酐/ difluoro-2,5-dihydrofuran-2,5-dione

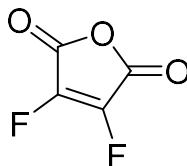
CAS No.: 669-78-3

分子式/Formula: C<sub>4</sub>F<sub>2</sub>O<sub>3</sub>

分子量/Formula weight: 134.04

储藏条件/Storage T, °C: 2-8

沸点/BP, °C: 128-130 at 760 mmHg



检测项目/Items		标准/Standard	检验结果/Results
外观 Appearance	2-8° C	无色至浅黄色粉末晶体 Colorless to pale yellow White crystalline powder	白色粉末晶体 White crystalline powder
	25° C	无色至浅黄色液体 Colorless to pale yellow liquid	无色 Colorless liquid
纯度/Purity (GC)		≥99%	99.98%
检测结论/Conclusion		合格/Q.C. passed (correct and accurate)	

检验员 01  
Analyst 01

复核员 02  
Checker 02

负责人  
Q.C. Director

检测日期/Test Date: 2018-10-19

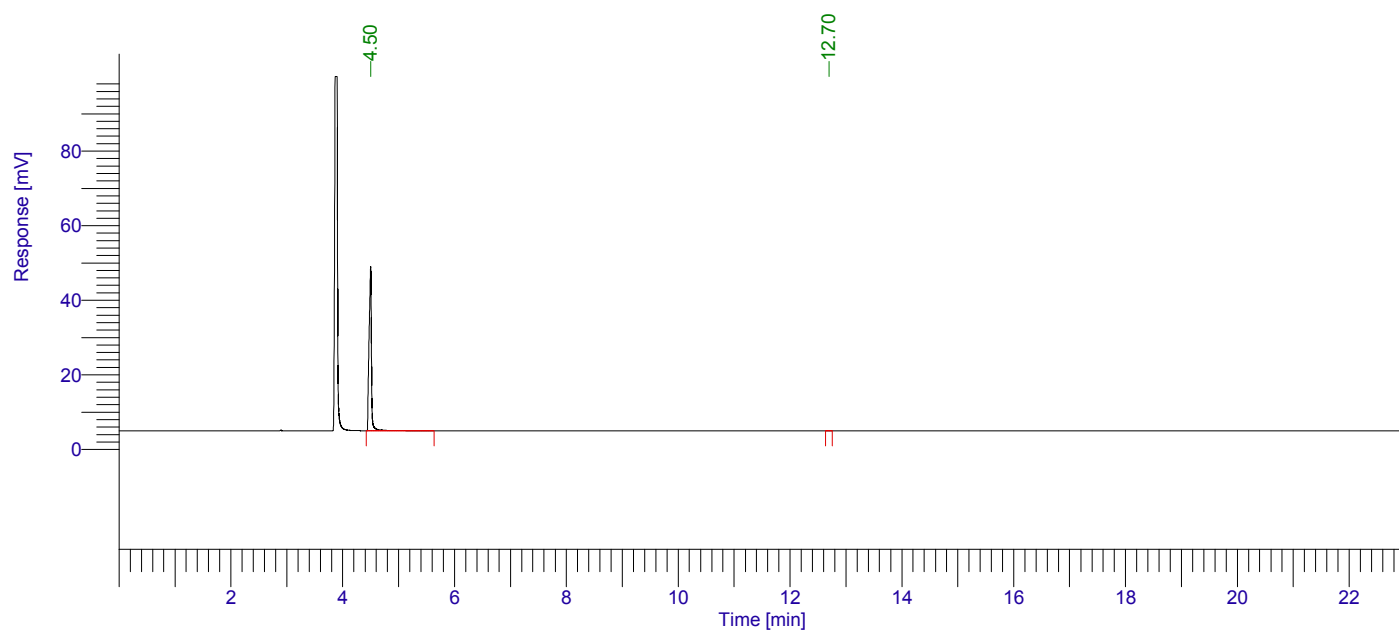
推荐重检日期/ Recommended retest date: 2021-10-18

Software Version : 6.3.1.0504  
Sample Name : 107-A  
Instrument Name : inst1  
Rack/Vial : 0/4  
Sample Amount : 1.000000  
Cycle : 1

Date : 2018-10-19 10:40:36  
Data Acquisition Time : 2018-10-18 12:08:06  
Channel : A  
Operator : GCMD  
Dilution Factor : 1.000000

Result File :

Sequence File : C:\TurboMass\TurboMass\Ver6.1.0\Temp\peninlet.seq



## Area Percent Report

Peak #	Component Name	Time [min]	Area	Area Percent
1		4.500	132034.70	99.9811
2		12.697	24.90	0.0189
			132059.60	100.0000

### Missing Component Report

Component Expected Retention (Calibration File)

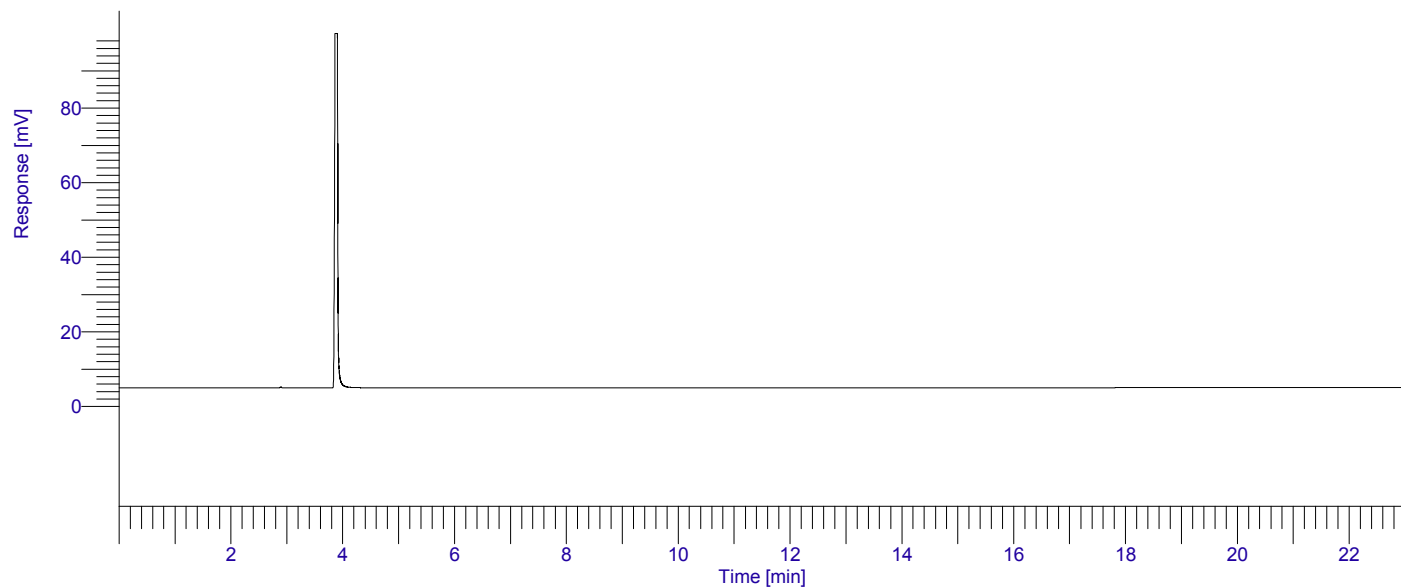
All components were found

Software Version : 6.3.1.0504  
Sample Name : blank  
Instrument Name : inst1  
Rack/Vial : 0/3  
Sample Amount : 1.000000  
Cycle : 1

Date : 2018-10-19 10:39:57  
Data Acquisition Time : 2018-10-18 11:39:41  
Channel : A  
Operator : GCMD  
Dilution Factor : 1.000000

Result File :

Sequence File : C:\TurboMass\TurboMass\Ver6.1.0\Temp\peninlet.seq



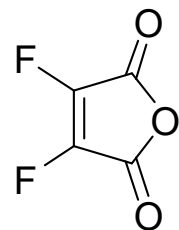
## Area Percent Report

No peaks available to report

Missing Component Report

Component Expected Retention (Calibration File)

All components were found



Chemical Formula:  $C_4F_2O_3$   
Molecular Weight: 134.0378

137.557

100

0

-100

-200

-300

PPM

107-a-CDCL3-181016-19f, ,

USER: root -- DATE: Tue Oct 16 08:10:31 2018

F1: 376.527 F2: 1.000

SW1: 227273

OF1: -37664.0

PTS1d: 909079 , 1048576

EX: zgfhgqn.2

PW: 18.0 us

PD: 1.0 sec

NA: 32

LB: 0.0 Nuts - \$107-a-CDCL3-181016-19f\_107-a-CDCL3-181016-19f