



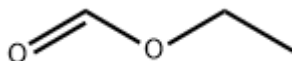
Certificate of Analysis.

Ethyl formate, AnStan[®] Reference standard.

Product code:	BS11136.
Description:	Ethyl formate, AnStan[®] Reference standard.
Chemical Name:	Formic acid, ethyl ester.
Pack:	5 ml.
CAS NO.:	109-94-4.
Mol. Weight:	74.08 g/mol.
Mol. Formula:	C₃H₆O₂.
MDL Number:	MFCD00003294.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	3 years.

Test	Specification	Measured Values
Appearance:	Colorless to Almost colorless clear liquid	Lot Specific.
Identity (IR):	Confirms to structure.	Lot Specific.
Identification by MASS:	Confirms to the structure.	Lot Specific.
Identification by NMR:	Confirms to the structure.	Lot Specific.
Purity by GC %:	>99%.	Lot Specific.

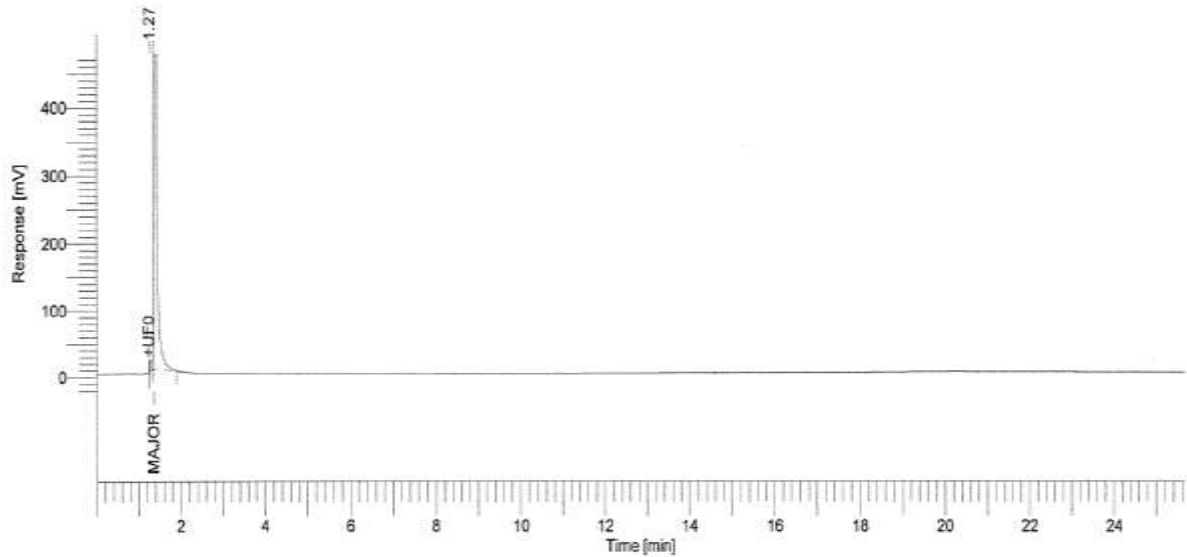
Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Prepared by.
Thirumalesh. K.
Chemist

Reviewed by.
Deepthi. K.
Head Analytical





GC REPORT

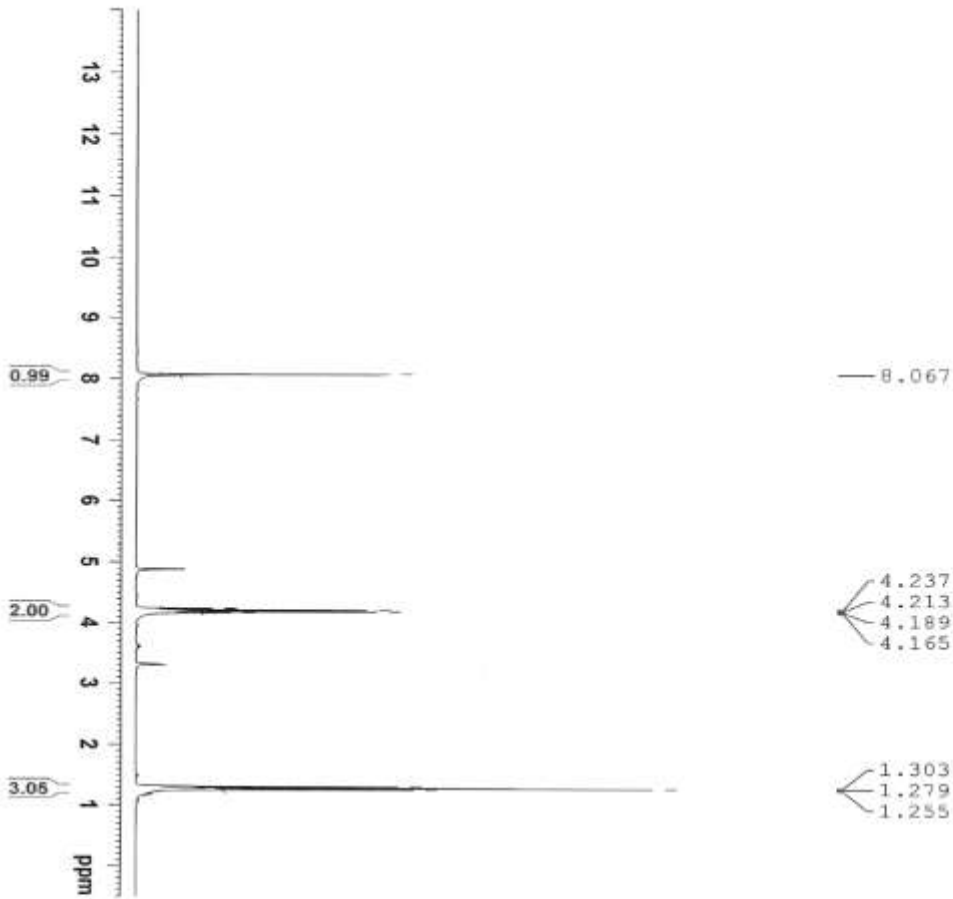
Peak #	Time [min]	Component Name	Area [µV-s]	Height [µV]	Area [%]	Rel. RT
1	1.267		34981.04	17824.54	0.75	0.93
2	1.368	Major peak	4605644.13	982487.83	99.25	1.00
			4640625.17	1.00e+06	100.00	

Warning – Signal level out-of-range in peak

Analysed By *20/11/24*



Briti Scientific
 BS11136#BS11136/01,1H-C030D
 221121010



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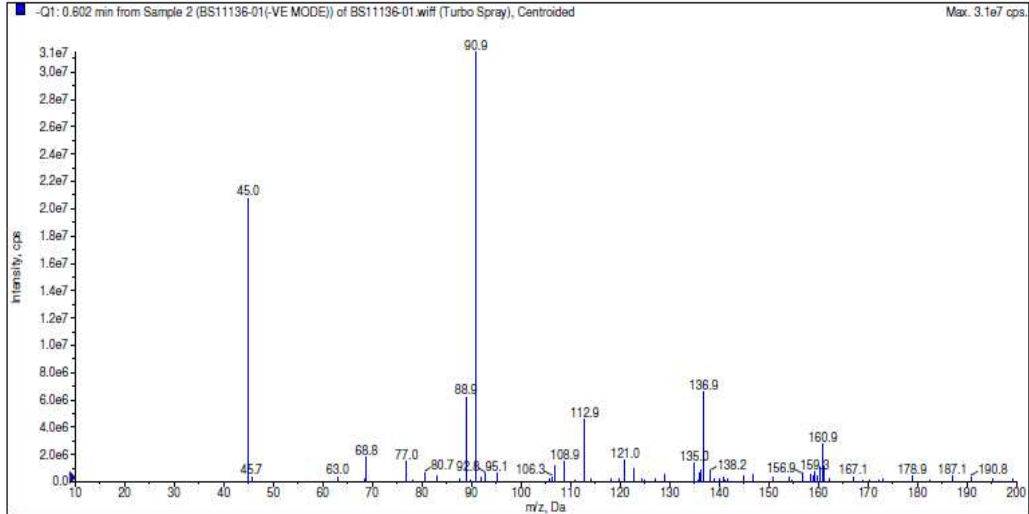
NAME      Briti Scientific
EXPNO    78
PROCNO   1
Date_    20211122
Time     12.37
INSTRUM  spect
PROBHD   5 mm DDJ 13C-1
PULPROG  zg30
TD        65536
SOLVENT  Me2O
NS        16
DS        0
SWH       10150.218 Hz
FIDRES    0.155490 Hz
AQ        3.2156830 sec
RG         4
CM        4
DE        45.067 usec
TE        300.2 K
TE        300.2 K
D1        1.00000000 sec
T100     1

===== CHANNEL f1 =====
NUC1      1H
P1        14.50 usec
PL1       0.00 dB
PULSEPR  11.05230045 M
SFO1      300.1318534 MHz
SI         32768
SF        300.1300046 MHz
WDW        EM
SSB        0
GB         0
PC         0.30 Hz
RG         0
PC         1.00
    
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Acq. Date: Tuesday, November 23, 2021
Sample Name: BS11136-01(-VE MODE)

Acq. Time: 07:35



Acq. Date: Tuesday, November 23, 2021
Sample Name: BS11136-01(+VE MODE)

Acq. Time: 07:34

