



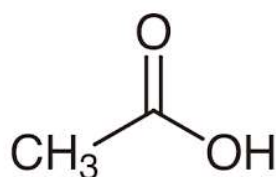
## Certificate of Analysis.

### Acetic acid, AnStan<sup>®</sup> GC Reference Standard.

Product Code:	<b>BS11178.</b>
Description:	<b>Acetic acid, AnStan<sup>®</sup> GC Reference Standard.</b>
Chemical Name:	<b>Methylsulfinylmethane.</b>
Pack Size:	<b>100 ml.</b>
CAS NO.:	<b>64-19-7.</b>
Mol. Weight:	<b>60.05 g/mol.</b>
Mol. Formula:	<b>C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>.</b>
MDL Number:	<b>MFCD00036152.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Characteristics	Specification	Measured Values
Appearance:	Clear Colorless liquid.	<b>Lot specific.</b>
Identification by NMR:	Confirms to structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to structure.	<b>Lot specific.</b>
Purity (GC):	> 99.80 %.	<b>Lot specific.</b>

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.**

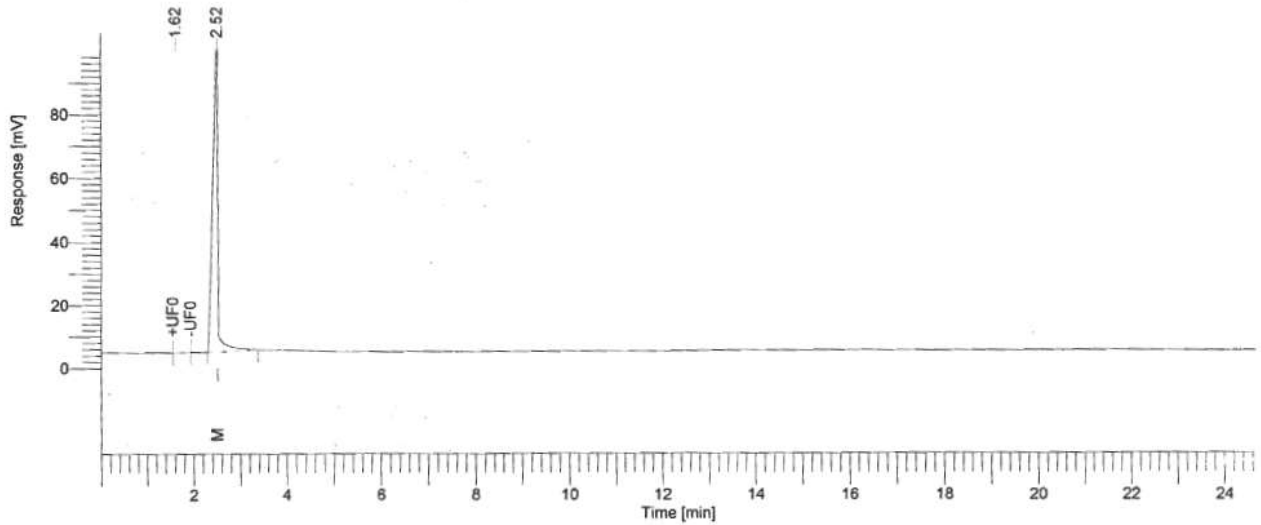
**Reviewed by.**  
**Deepti. K.**  
**Head analytical.**



Software Version : 6.3.2.0646  
Sample Name :  
Instrument Name : GC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 1

Date : 12/31/2021 10:35:16 AM  
Data Acquisition Time : 12/31/2021 9:46:31 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\PenExe\TcWS\Ver6.3.2\Examples\DEC-2021\311221\_BS11178 & BS11178-01.rst  
Sequence File : C:\PenExe\TcWS\Ver6.3.2\Examples\311221\_BS11178.seq



## GC REPORT

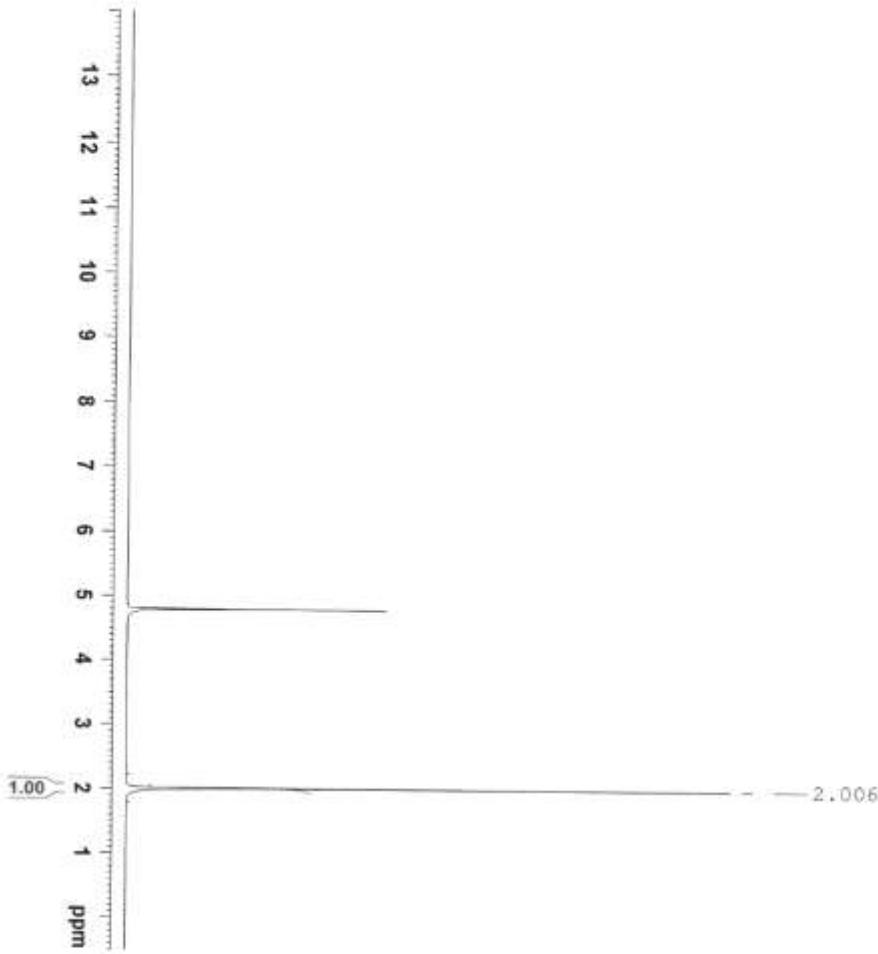
Peak #	Time [min]	Component Name	Area [ $\mu\text{V}\cdot\text{s}$ ]	Height [ $\mu\text{V}$ ]	Area [%]	Rel. RT
1	1.62		390.77	39.14	0.051	0.65
2	2.52	Major peak	772092.21	105943.35	99.949	1.00
			772482.98	105982.49	100.000	

Analysed by

*Ravi* 31/12/21



Briti Scientific  
BS11178#BS11178/01, IH-D20  
301221009



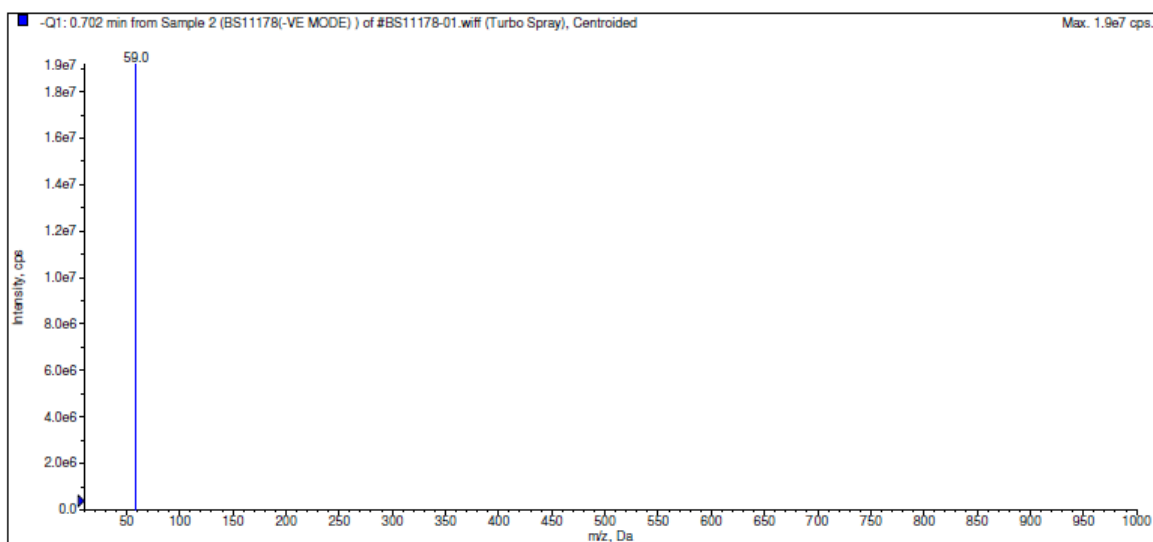
```

NAME: Briti Scientific
EXPNO: 91
PROCNO: 1
DATE_: 20211230
TIME: 12.01
INSTRUM: spect
PROBHD: 5 mm DDL 13C-1
PULPROG: zg30
TD: 65536
SOLVENT: D2O
NS: 16
DS: 4
AQ: 101.962110 Hz
RG: 0.132050 Hz
FIDRES: 9.2156030 sec
AQ: 49.067088 sec
DE: 6.50 usec
TE: 300.0 K
D1: 1.300000000 sec
T00: 1
----- CHANNEL f1 -----
NUC1: 1H
P1: 14.50 usec
PL1: 0.00 dB
PL1W: 11.05230045 W
SFO1: 300.1318534 MHz
SI: 32768
SF: 300.1397947 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
  
```



Acq. Date: Friday, December 31, 2021  
Sample Name: BS11178(-VE MODE)

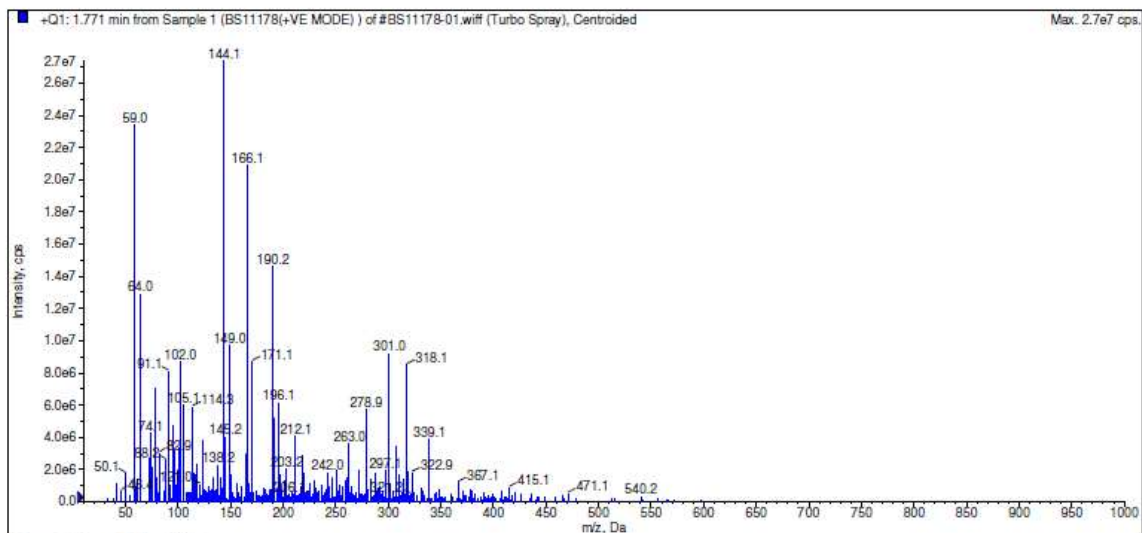
Acq. Time: 14:20



Algorithm: IntelliQuan

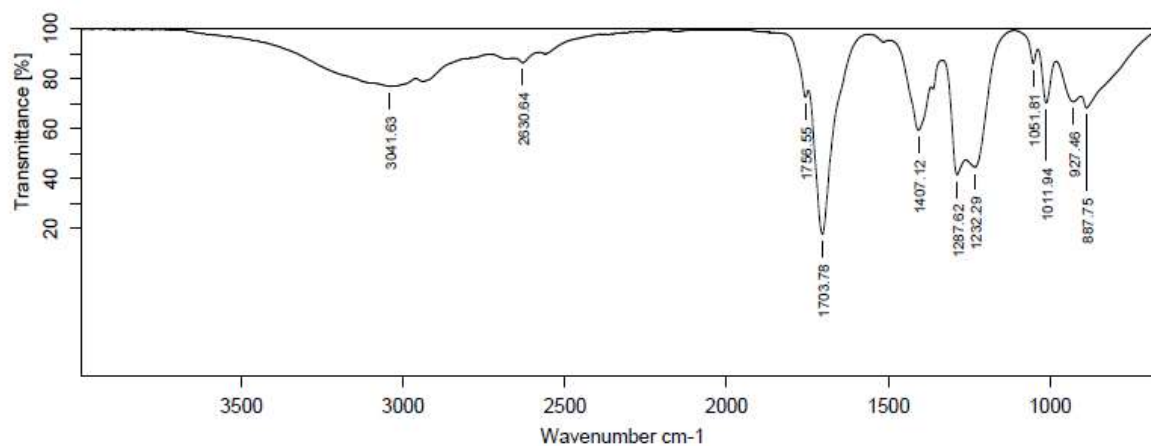
Acq. Date: Friday, December 31, 2021  
Sample Name: BS11178(+VE MODE)

Acq. Time: 14:18



Algorithm: IntelliQuan





Path/File Name:D:\SATLEQ025\_CTL\2021\CTLDEC2021\DATA\BS11178 BS11178-01 RegNo-SLS-19191-21-22.0

Sample Name:BS11178

Experiment:ATR\_ZnSe.XPM

Lot No./Batch No:BS11178-01 RegNo-SLS-19191-21-22

Resolution:4

Date & Time:31/12/2021,11:25:12

Sample Scans:16

Operator Name:Devi Nallamilli

Frequency Range:4000 to 650

31/12/2021 11:26:08

