



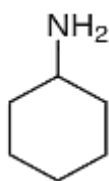
## Certificate of Analysis.

### Xylene, AnStan<sup>®</sup>GC Reference standard.

Product Code:	<b>BS10963.</b>
Description:	<b>Xylene, AnStan<sup>®</sup>GC Reference standard.</b>
Chemical Name:	<b>Xylene.</b>
Pack:	<b>100 ml.</b>
CAS No.:	<b>1330-20-7.</b>
Mol. Weight:	<b>106.17g/mol.</b>
Mol. Formula:	<b>C<sub>8</sub>H<sub>10</sub>.</b>
MDL Number:	<b>MFCD00077264.</b>
Solubility:	<b>Soluble in DMSO.</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>

Test	Specification	Measured Values
Appearance:	Clear colorless liquid	<b>Lot specific.</b>
Identity (IR):	Confirms to structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Purity by GC %:	Min.>99%. (Ortho, Para, meta xylene)	<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.**  
**Harshitha.M.**  
**Chemist**

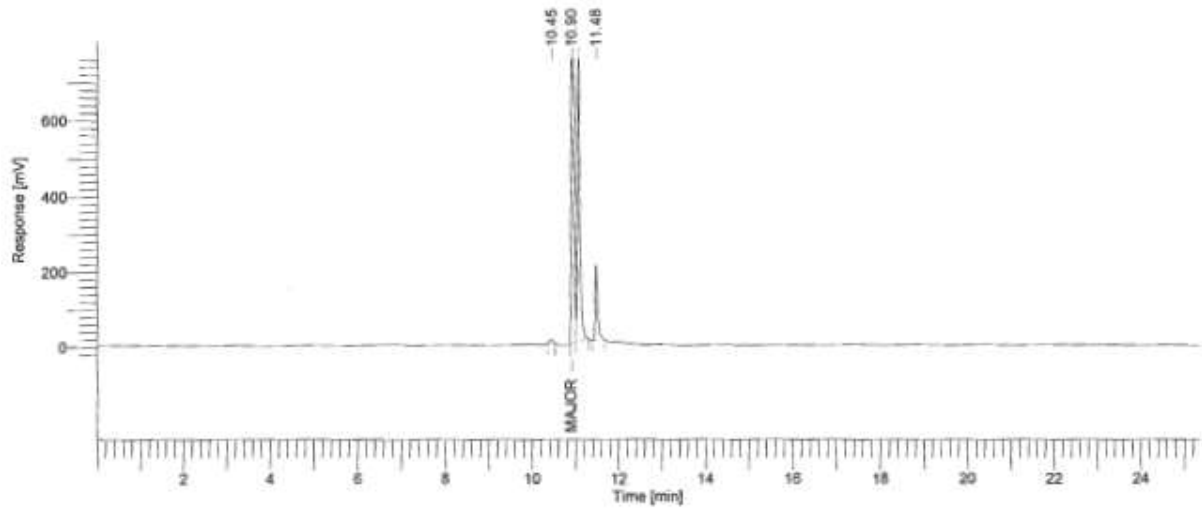
**Reviewed by.**  
**Deepthi. K.**  
**Head Analytical**



Software Version : 6.3.0.0445  
 Sample Name :  
 Instrument Name : GC010  
 Rack/Vial : 0/0  
 Sample Amount : 1.000000  
 Cycle : 1

Date : 6/22/2021 1:01:32 PM  
 Data Acquisition Time : 6/22/2021 12:22:32 PM  
 Channel : A  
 Operator : manager  
 Dilution Factor : 1.000000

Result File : D:\PenExelTcWS\Ver6.3.0\Examples\JUNE-2021\220621\_Xylene-BS10963-01.rst  
 Sequence File : D:\PenExelTcWS\Ver6.3.0\Examples\220621\_Xylene-BS10963.seq



## GC REPORT

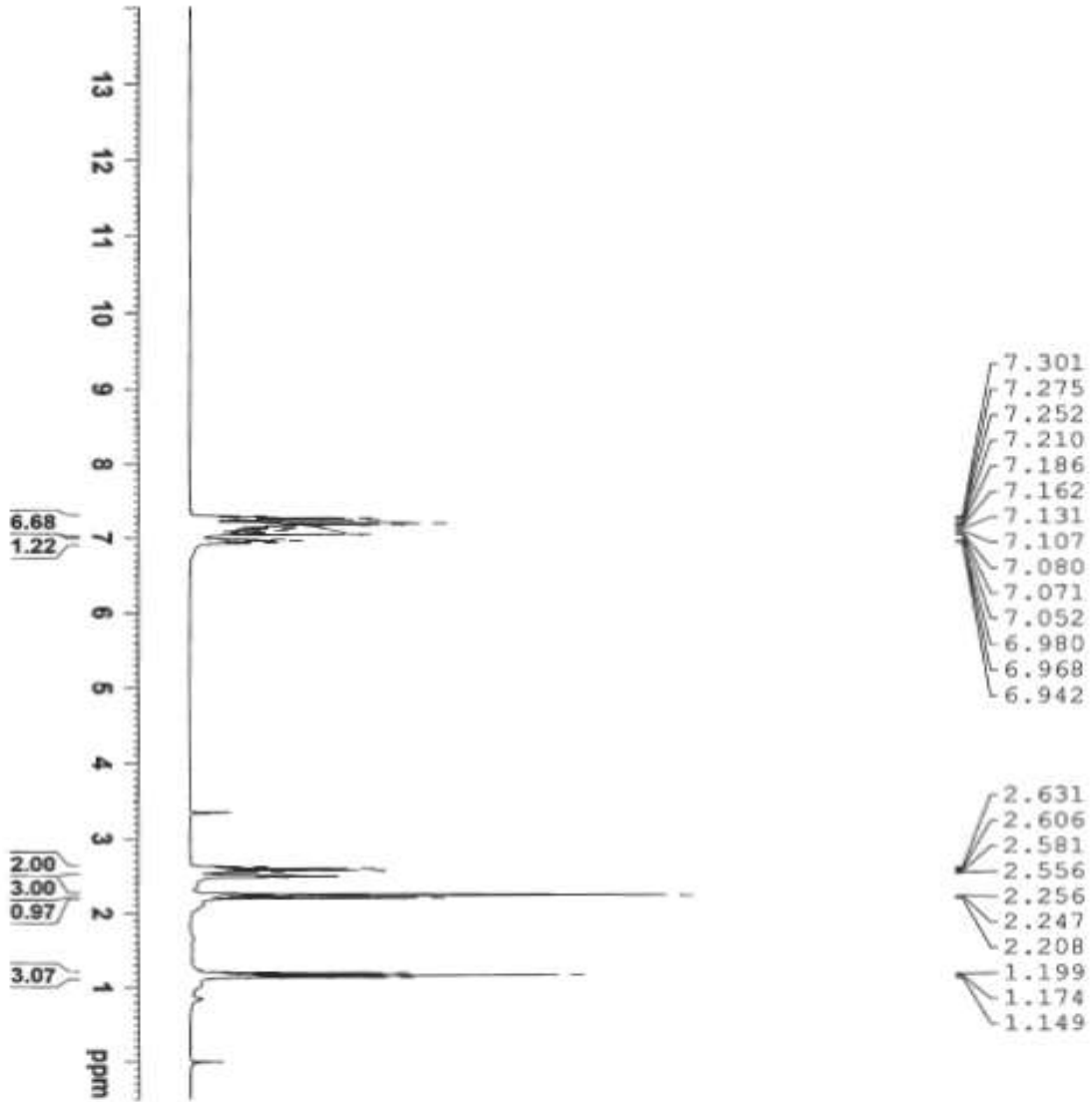
Peak #	Time [min]	Component Name	Area [uV*sec]	Height [uV]	Area [%]	Rel. RT
1	10.452		67896.57	11521.76	0.82	0.959
2	10.904	Major Peak	4395686.74	985369.31	53.11	1.000
3	11.058		3009127.12	795298.84	36.35	1.014
4	11.480		804478.73	201020.21	9.72	1.053
			8277189.15	1.99e+06	100.00	

Warning – Signal level out-of-range in peak

Analysed by: *Ravi/22/6/21*



Briti Scientific  
Xylene-BS10963#BS10963/01, 1H-DMSO-d6  
220621017



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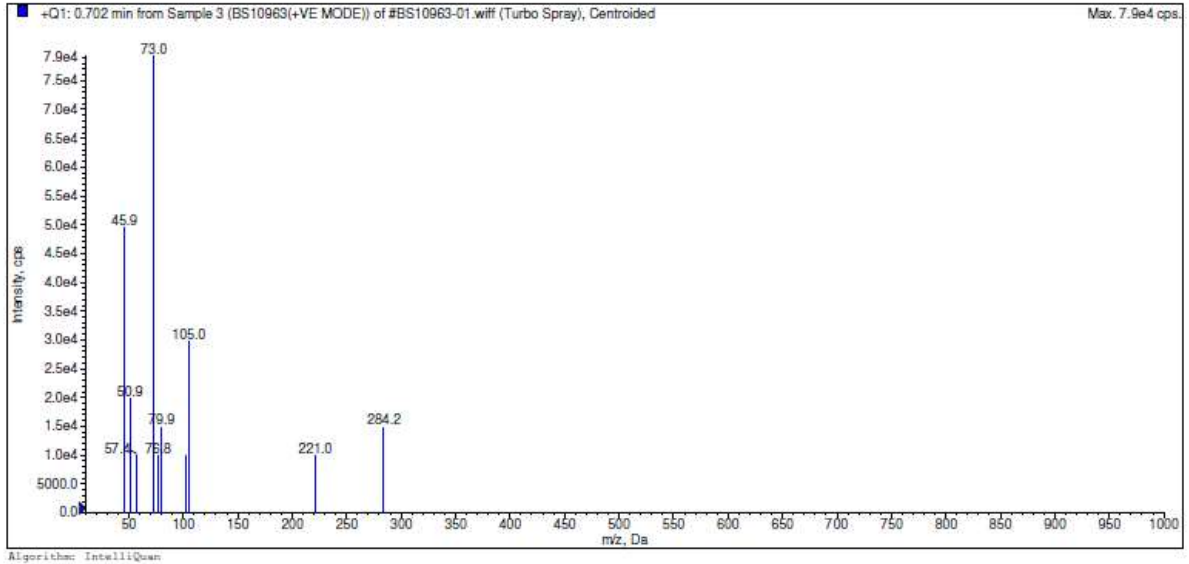
NAME          Briti Scientific
EXPERNO       22
PROCNO        1
Date          20210622
Time          15.31
INSTRUM       spect
PROBHD        5 mm QNP 13C-1
PULPROG       zg30
TD            65536
SOLVENT       DMSO
NS            16
DS            0
SWH           10190.218 Hz
FIDRES        0.155890 Hz
AQ            3.2156830 sec
RG            4
OR            49.067 usec
DE            5.50 usec
TE            300.0 K
D1            1.00000000 sec
TD0           1

----- CHANNEL f1 -----
NUC1          1H
P1            14.50 usec
PL1           0.00 dB
PULM          11.05230045 N
SFO1          300.1318534 MHz
SI            32768
SF            300.1300025 MHz
WDW           EM
SSB           0
LB            0.30 Hz
GB            0
PC            1.00
    
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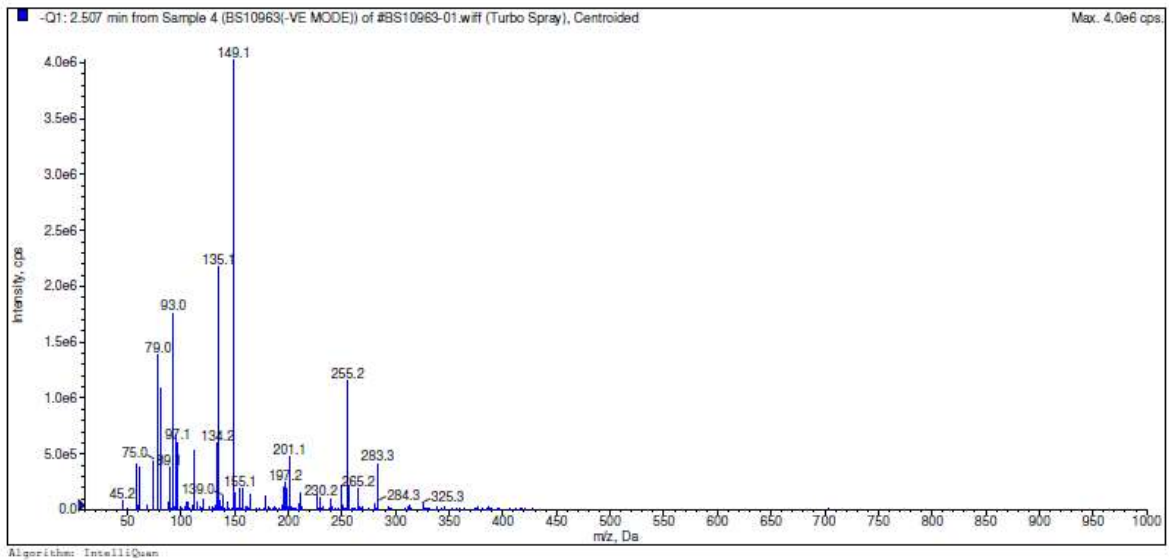
Acq. Date: Wednesday, June 23, 2021  
Sample Name: BS10963(+VE MODE)

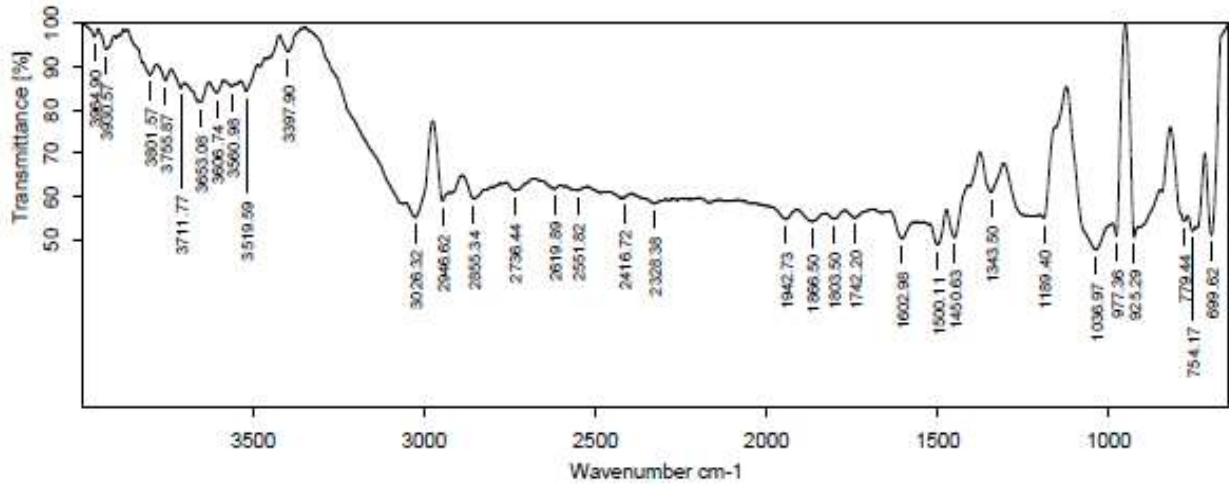
Acq. Time: 16:17



Acq. Date: Wednesday, June 23, 2021  
Sample Name: BS10963(-VE MODE)

Acq. Time: 16:18





PathFile Name:D:\SATLEQ025\_CTL\2021\CTL\JUN2021\DATA\BS10963\_#BS10963-01 - Reg No SLS-05071-21-22.0

Sample Name BS10963

Experiment:ATR\_ZnSe.XPM

Lot No./Batch No:#BS10963-01 - Reg No SLS-05071-21-22

Resolution:4

Date & Time:25/06/2021, 12:48:33

Sample Scans:16

Operator Name:Kavya Potta

Frequency Range:4000 to 650

