



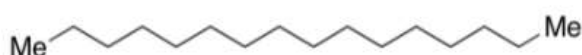
Certificate of Analysis.

Hexadecane, AnStan[®] GC Reference standard.

| | |
|-------------------|--|
| Product Code: | BS10881. |
| Description: | Hexadecane, AnStan[®] GC Reference standard. |
| Chemical Name: | N-Hexadecane. |
| Pack: | 100 ml. |
| CAS No.: | 544-76-3. |
| Mol. Weight: | 226.44 g/mol. |
| Mol. Formula: | C₁₆H₃₄. |
| MDL Number: | MFCD00008998. |
| Solubility: | Miscible in Chloroform (Sparingly). |
| Storage: | Store at ambient temperature. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot specific. |
| Expiry Date: | 3 years. |

| Test | Specification | Measured Values |
|-------------------------|----------------------------|----------------------|
| Appearance: | Colourless liquid. | Lot specific. |
| Identification by MASS: | Confirms to the structure. | Lot specific. |
| Identification by NMR: | Confirms to the structure. | Lot specific. |
| Purity by GC %: | Not less than 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.
Navaneetha. D.
Chemist.

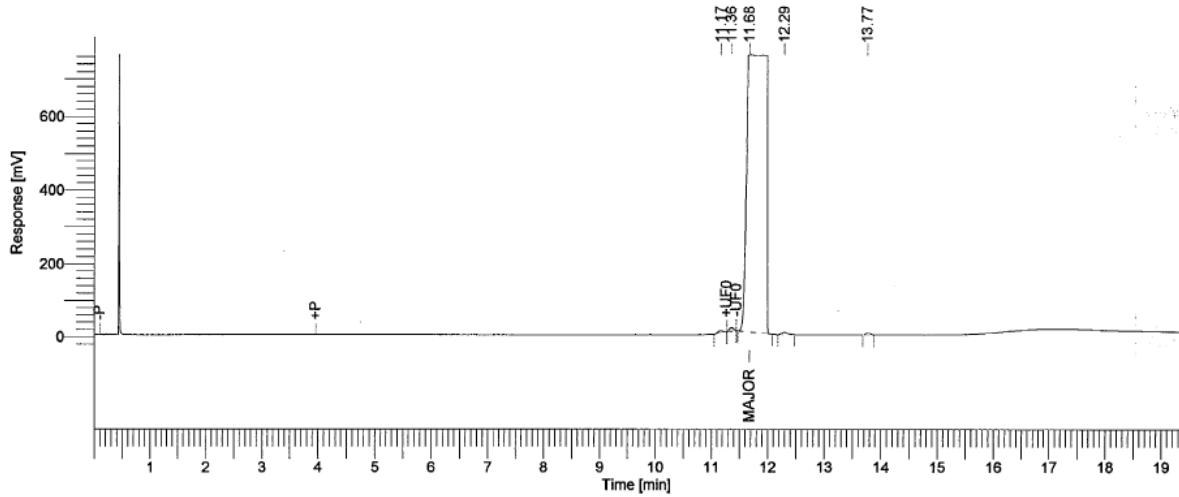
Reviewed by.
Sai Kumar. N.
Sr Chemist.



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

Date : 5/27/2021 1:54:56 PM
 Data Acquisition Time : 5/27/2021 1:08:56 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : D:\PenExe\TcWS\Ver6.3.0\Examples\MAY-2021\270521_BS10881-01.rst
 Sequence File : D:\PenExe\TcWS\Ver6.3.0\Examples\270521_BS10881.seq



GC REPORT

| Peak # | Time [min] | Component Name | Area [uV*sec] | Height [uV] | Area [%] | Rel. RT |
|--------|------------|----------------|---------------|-------------|----------|---------|
| 1 | 11.170 | | 37958.51 | 6045.81 | 0.17 | 0.957 |
| 2 | 11.357 | | 53784.84 | 11330.44 | 0.25 | 0.973 |
| 3 | 11.677 | Major Peak | 21750762.62 | 980995.49 | 99.24 | 1.000 |
| 4 | 12.295 | | 46937.15 | 7300.27 | 0.21 | 1.053 |
| 5 | 13.767 | | 28534.72 | 5844.31 | 0.13 | 1.179 |
| | | | 21917977.83 | 1.01e+06 | 100.00 | |

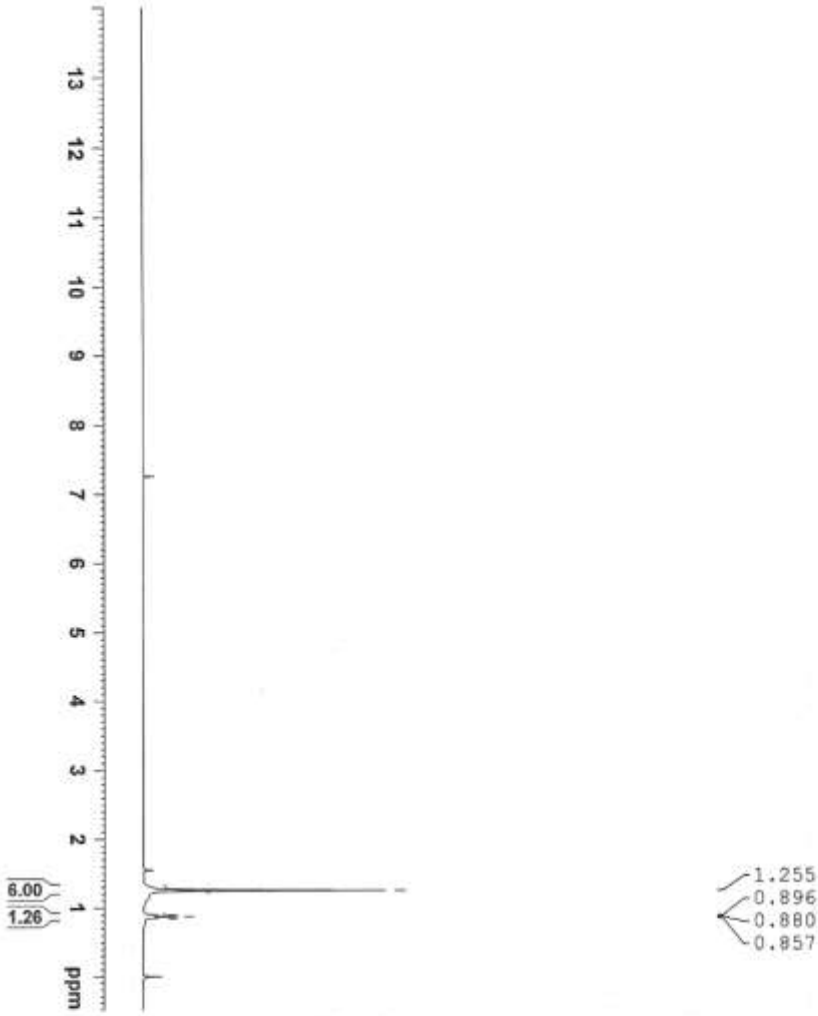
Warning -- Signal level out-of-range in peak

Analysed by :

Ranjitha



Briti Scientific
 BS10881# BS10881/01,1H-CDCl3
 270521016



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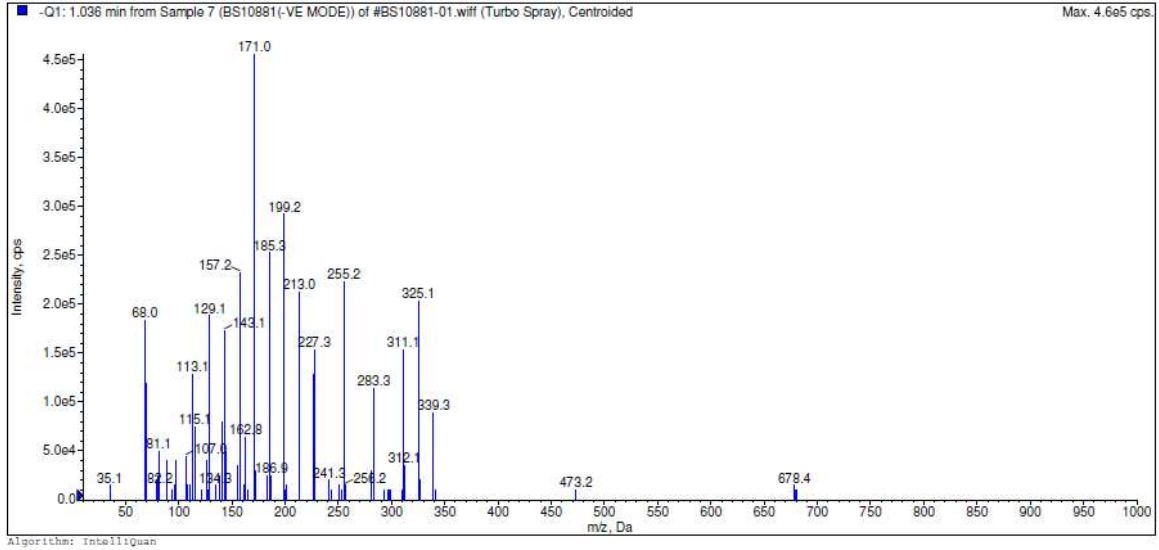
NAME: Briti Scientific
EXPNO: 1
PROCNO: 1
Date_ : 20210521
Time: 14:23
INSTRUM: spect
PROBHD: 5 mm QNP 1H/1
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl3
NS: 10
DS: 4
SWH: 10190.218 MHz
F2: 0.154400 MHz
AQ: 0.154400 MHz
RG: 321.06330 sec
NO: 4
DS: 4
AQ: 49.067000 sec
DE: 4.500000 sec
TE: 300.2 K
D1: 1.000000000 sec
TDO: 1

===== CHANNEL f1 =====
NUC1: 1H
P1: 14.500000 sec
PC: 1.00
PCL: 0.00 dB
PL1: 11.05210045 MHz
SFO1: 300.1318534 MHz
SI: 32768
SF: 300.1300067 MHz
WDW: EM
SSB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```



Acq. Date: Friday, May 28, 2021
Sample Name: BS10881(-VE MODE)

Acq. Time: 11:35



Acq. Date: Friday, May 28, 2021
Sample Name: BS10881(+VE MODE)

Acq. Time: 11:32

