



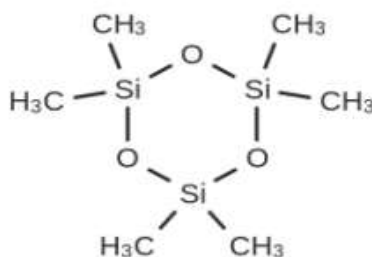
Certificate of Analysis.

Cyclomethicone 6, AnStan[®] GC Reference standard.

| | |
|-------------------|--|
| Product Code: | BS11022. |
| Description: | Cyclomethicone 6, AnStan[®] GC Reference standard. |
| Chemical Name: | Dodecamethylcyclohexasiloxane. |
| Pack: | 5 ml |
| CAS No.: | 540-97-6 |
| Mol. Weight: | 444.92g/mol. |
| Mol. Formula: | C₁₂H₃₆O₆Si₆ |
| MDL Number: | MFCD00144215. |
| Solubility: | Chloroform (Sparingly), Ethyl Acetate (Slightly). |
| Storage: | Hygroscopic, Refrigerator, Under Inert Atmosphere. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot specific. |
| Expiry Date: | 3 years. |

| Test | Specification | Measured Values |
|-------------------------|----------------------------|----------------------|
| Appearance: | Colourless Oil | 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 %: | Not less than 90%. | 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
Harshitha.M.
Chemist

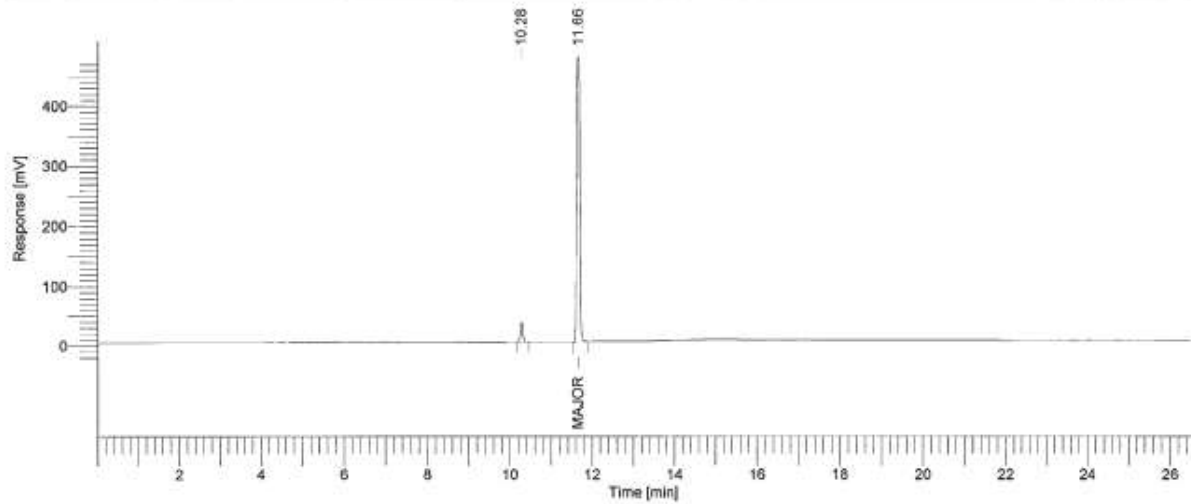
Reviewed by.
Deepti. K.
Sr. Chemist.



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

Date : 9/1/2021 10:10:29 AM
Data Acquisition Time : 9/1/2021 9:41:26 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : E:\TcWS\Ver6.3.2\Examples\SEP-2021\010921_BS11022-01.rst
Sequence File : E:\TcWS\Ver6.3.2\Examples\010921_BS11022-01.seq



GC REPORT

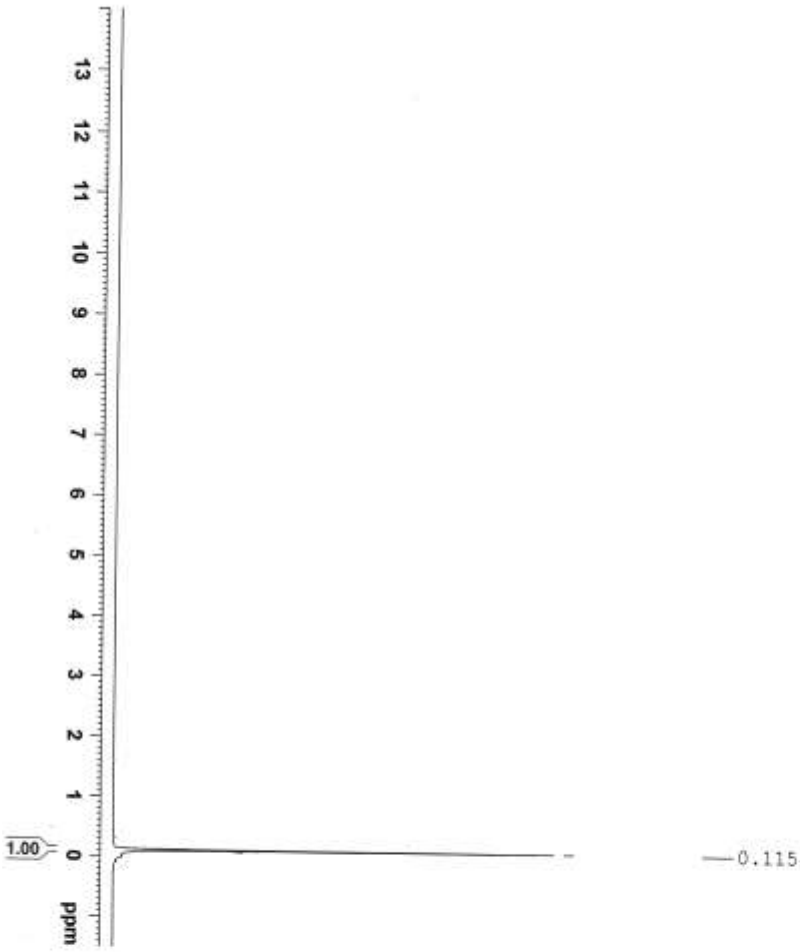
| Peak # | Time [min] | Component Name | Area [$\mu\text{V}\cdot\text{s}$] | Height [μV] | Area [%] | Rel. RT |
|--------|------------|----------------|-------------------------------------|--------------------------|----------|---------|
| 1 | 10.280 | | 139609.56 | 33776.54 | 5.21 | 0.88 |
| 2 | 11.662 | Major peak | 2537936.78 | 613265.06 | 94.79 | 1.00 |
| | | | 2677546.34 | 647041.60 | 100.00 | |

Analysed By

Parul 1/9/21



Briti Scientific
 BS11022#BS11022/01, 1H-CDC13
 310821013



```

NAME: Briti Scientific
EXPERNO: 56
PROCNO: 1
Date: 20210831
Time: 15:44
INSTRUM: 5 mm BBO1, 13C-1
PROBHD: SPEC
PULPROG: zgpg30
TD: 2930
SOLVENT: CDC13
NS: 65236
DS: 16
SWH: 101.00, 310. Hz
FIDRES: 0.155430 Hz
AQ: 3.2156830 sec
RG: 3
SFO1: 11.05230045 M
SF: 300.1318534 MHz
SE: 32768
SR: 300.1299973 MHz
MDEL: EM
SMB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```

==== CHANNEL F1 =====

```

NUC1: 1H
P1: 14.50 usec
PL1: 0.00 dB
PL1W: 11.05230045 M
SFO1: 300.1318534 MHz
SE: 32768
SR: 300.1299973 MHz
MDEL: EM
SMB: 0
LB: 0.30 Hz
GB: 0
PC: 1.00
    
```

