



上海远识科技有限公司

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CERTIFICATE OF ANALYSIS

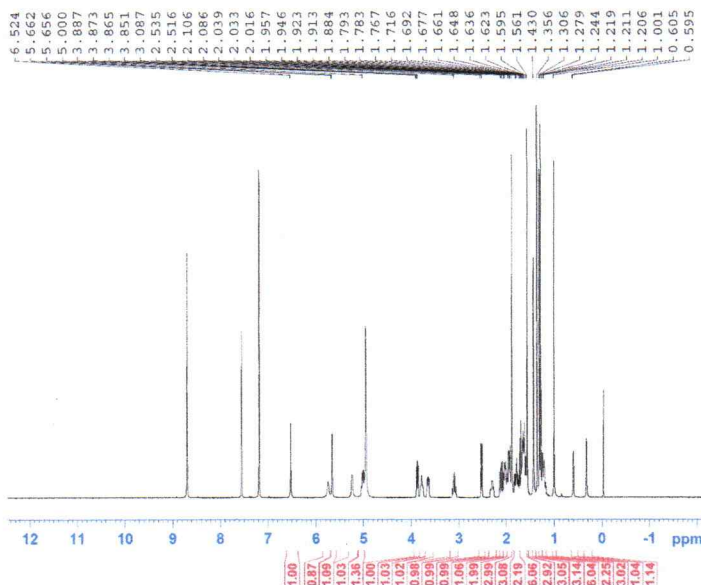
| | | | |
|---------------|-----------------|---------------------|--------------|
| Product Name | Cycloastragenol | Date of Manufacture | Nov 24, 2023 |
| Batch No. | 231124 | Quantity | 1kg |
| Analysis date | Nov 24, 2023 | Report date | Nov 24, 2023 |

| Items | Specifications | Results |
|---------------------------------|---|-----------------------------------|
| Characteristics | A white Crystalline powder | Complies |
| Identification | TLC single spot | Complies |
| | ESI-MS spectra 491.6[M+H] ⁺ | Complies |
| | NMR spectra typical signal | Complies |
| | HPLC Retention time | Complies |
| Odor | Neutral | Complies |
| Loss on Drying | ≤1.0% | 0.62% |
| Heavy metals | Lead ≤0.5ppm | Complies |
| | Arsenic ≤1ppm | Complies |
| | Cadmium ≤1ppm | Complies |
| | Mercury ≤1ppm | Complies |
| Microbiological | Total plate count ≤1000 CFU/g | Complies |
| | Yeast and Mold ≤100 CFU/g | Complies |
| | Enterobacteriaceae ≤10 CFU/g | Complies |
| | E. Coli Negative | Complies |
| | Coliform Negative | Complies |
| | Salmonella Negative | Complies |
| | Staphylococcus Negative | Complies |
| Pseudomonas Aeruginosa Negative | Complies | |
| Assay | ≥98.5% by HPLC (Dried Basis) | 99.1% |
| Residual solvents | Methanol ≤3000ppm | Complies |
| | Acetone ≤5000ppm | Complies |
| | Ethanol ≤5000ppm | Complies |
| | DCM ≤600ppm | Complies |
| Conclusion | <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> Rejected |



定性 Qualitative

880044-231124

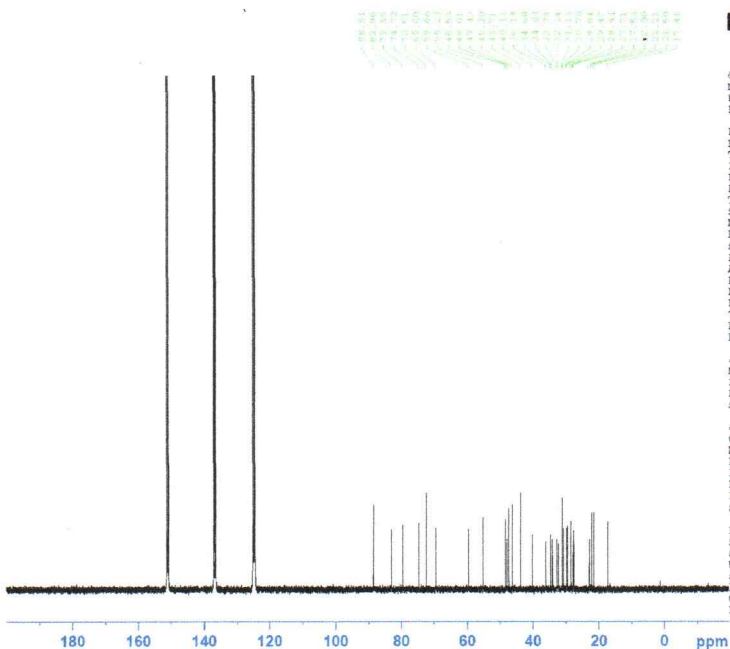


Current Data Parameters
NAME 880044-231124
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20231124
Time 16:21
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zg30
TD 65536
SOLVENT Pyr
NS 16
DS 4
SWH 8223.685 Hz
FIDRES 0.125489 Hz
AQ 3.9846387 sec
RG 77.41
EW 60.800 usec
DE 6.50 usec
TE 298.1 K
D1 1.00000000 sec

CHANNEL f1 -----
NUC1 1H
P1 12.52 usec
PLW1 22.00000000 W
SFO1 400.1324710 MHz

F2 - Processing parameters
SI 65536
SF 400.1306044 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



Current Data Parameters
NAME 880044-231124
EXPNO 11
PROCNO 1

F2 - Acquisition Parameters
Date_ 20231124
Time 16:42
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT Pyr
NS 532
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 sec
RG 192.52
EW 20.800 usec
DE 6.50 usec
TE 298.1 K
D1 2.00000000 sec
D11 0.03000000 sec

CHANNEL f1 -----
NUC1 13C
P1 10.00 usec
PLW1 60.00000000 W
SFO1 100.6228293 MHz

CHANNEL f2 -----
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PLW2 22.00000000 W
PLW3 0.47700000 W
PLW3 0.30529001 W
SFO2 400.1216005 MHz

F2 - Processing parameters
SI 32768
SF 100.6127890 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

