



Korea Institute of Science and Technology

Address : 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul 02792, Republic of Korea

Tel: 02-958-5959 Fax: 02-958-5969

<https://aac.kist.re.kr>

Test Report

| | | | |
|-----------------------|--|---------------|------------------|
| Run no | 2204S0067 | Received date | April. 13. 2022. |
| Request name | Montjuich & Sarrion, S.L. | Tel | +34 93 2233550 |
| Sample received from | Montjuich & Sarrion, S.L. | Fax | +34 93 2230988 |
| Address | Montcada Nº 5 Navel, Pol.Ind. Camp de les Pereres 08130 Santa Perpetura de Mogoda Barcelona, Spain | Analysis fee | ₩ 140,000 |
| Kind of sample | 1.TAP WATER 2.ITASH WATERTEC | | |
| Method of analysis | (*) ^{17}O -NMR | | |
| Analysis date | April.13. 2022. | | |
| Result(s) of analysis | attached | | |

- ※ This report resulted from the sample that was provided by the requester and should not be used or applied to the similar samples.
- ※ It can not be reissued without written permission.

2022. 4. 13

supervisor : Korea institute of Science and Technology

Advanced Analysis·Data Center Head: NAK KYOON KIM



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| Run no | 2204S0067 |
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| <u>Result(s) of analysis</u> | | | | | | |
|-------------------------------------|--------------------------------|--|--|--|--|--|
| Kind of sample | Analysis element (unit : Hz) | | | | | |
| | Half width | | | | | |
| TAP WATER | 141.95 | | | | | |
| ITASH_WATERTEC | 56.88 | | | | | |
| (*) | ¹⁷ O-NMR | | | | | |
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Run no

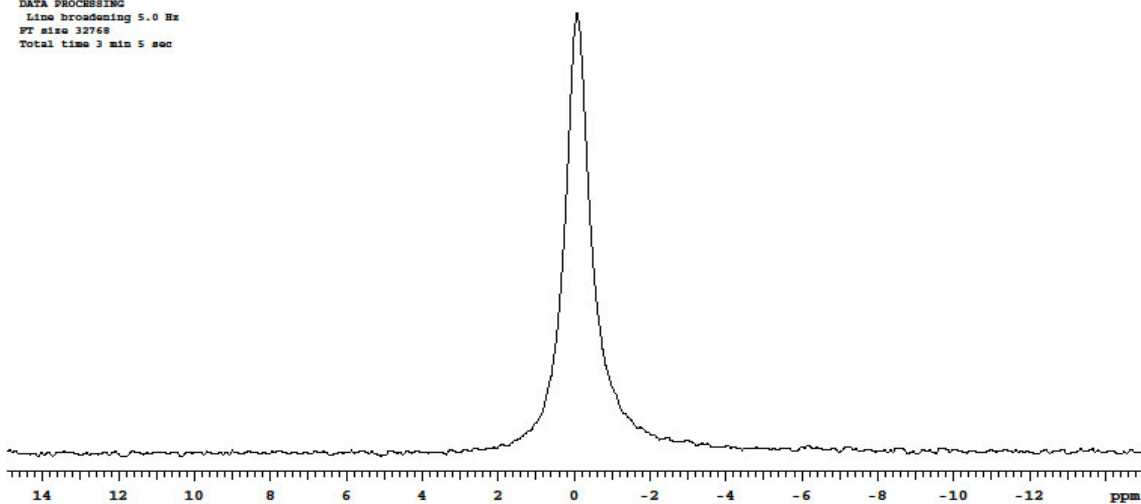
2204S0067

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017_220413_ITASH_WATERTEC
temp=20
half width=56.88 Hz

Temp. 20.0 C / 293.1 K
Operator: jhs

Relax. delay 0.500 sec
Pulse 180.0 degrees
Acq. time 0.160 sec
Width 100.0 kHz
280 repetitions
OBSERVE 017, 51.3040668 MHz
DATA PROCESSING
Line broadening 5.0 Hz
FT size 32768
Total time 3 min 5 sec



Run no

2204S0067

4
4

O17_220413_TAP_WATER
temp=20
half width=141.95 Hz

Temp. 20.0 C / 293.1 K
Operator: jhs

Relax. delay 0.500 sec
Pulse 180.0 degrees
Acq. time 0.160 sec
Width 100.0 kHz
280 repetitions
OBSERVE O17, 81.3040668 MHz
DATA PROCESSING
Line broadening 5.0 Hz
FT size 32768
Total time 3 min 5 sec

