



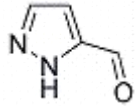
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

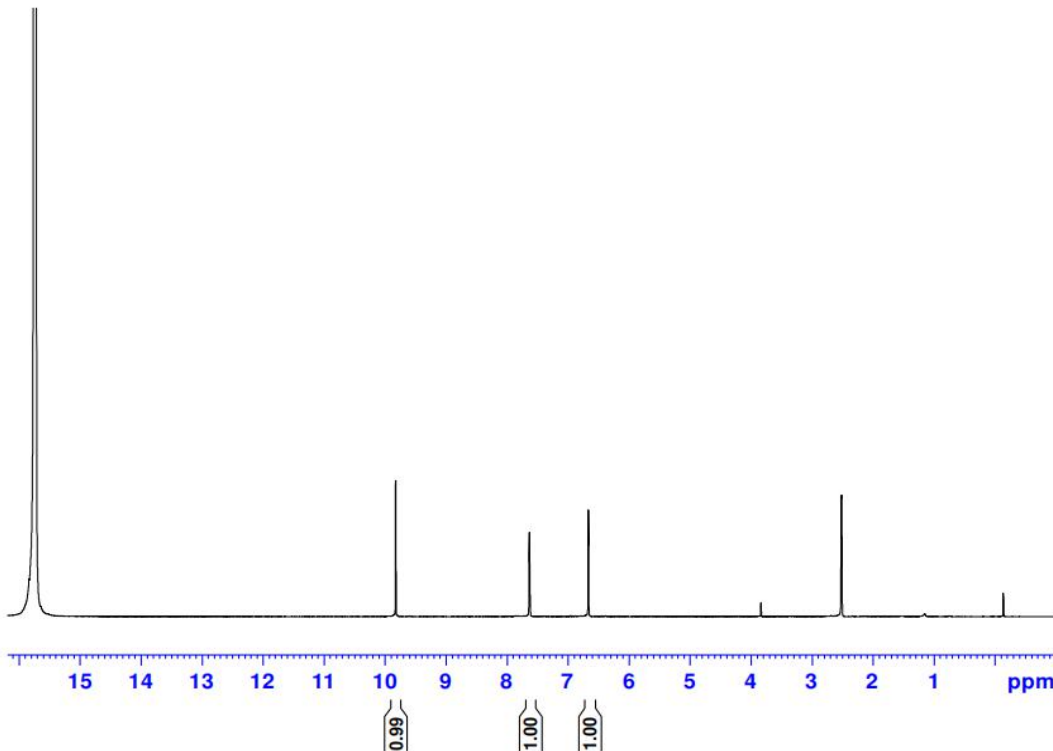
E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC0812005010

| | |
|--------------------|---|
| Product name | Pyrazole-3-Carbaldehyde |
| CAS Number | 3920-50-1 |
| Molecule Formula | C4H4N2O |
| Molecule Structure |  |
| Batch number | 20200412 |
| Manufacture date | 2020-04-12 |
| Testing date | 2020-04-12 |

20190110-02
PROTON DMSO D:\ nmr 7



```
Current Data Parameters
NAME      20190110-02
EXPNO     21
PROCNO    1

F2 - Acquisition Parameters
Date_     20190110
Time      18.05 h
INSTRUM   spect
PROBHD    Z116098_0295 (
PULPROG   zg30
TD        65536
SOLVENT   DMSO
NS        16
DS        2
SWH       8012.820 Hz
FIDRES    0.244532 Hz
AQ        4.0894465 sec
RG        31.66
DW        62.400 usec
DE        6.500 usec
TE        293.3 K
D1        1.00000000 sec
TDO       1
SFO1      400.1324708 MHz
NUC1      1H
P1        9.000 usec
PLW1      20.00000000 W

F2 - Processing parameters
SI        65536
SF        400.1300000 MHz
WDW       EM
SSB       0
LB        0.30 Hz
GB        0
PC        1.00
```

Hangzhou Dingyan Chem Co., Ltd.

Quality Control: *Dals*

CHECK: 姚仙娟

INSPECTOR: 刘清风