

Shimadzu Europa GmbH · Postfach 29 02 60 · D-47262 Duisburg F.R.G.

Shimadzu Europa GmbH statement to

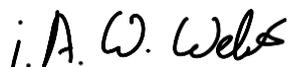
Specifications of our QP2050 *Middle* with GC-2030

To Whom It May Concern.

We hereby confirm that Shimadzu QP2050 *Middle* with GC-2030 system offers following functions and features:

- 2.1 1. GCMS-QP2050 gas chromatography system injector (SPL-2030) gases are controlled fully automatically electronically and can be programmed using the instrument software.
- 2.2 2. GCMS-QP2050 gas chromatography system equipped with Gas Selector 2030, real-time monitors inlet carrier gas pressure, and can automatically switch to spare gas line, when the gas pressure in the main line falls below the set pressure limit.
- 4.7 3. GCMS-QP2050 is equipped with dual-filament ion source, which design allows the user to change each of the filaments separately.
- 4.11 4. GCMS-QP2050 mass spectrometer has maximum scanning speed of 30 000 amu/s, with a scan step of 0,1 amu. While scanning at maximum speeds, High-Speed Scan Control Technology Advanced Scanning
- 4.13 Speed Protocol (ASSP) prevents the deterioration of sensitivity and shifting of intensity ratio of high to low mass fragments.
- 5.5 5. GCMS-QP2050 Automatic Adjustment of Retention Time (AART) function allows to adjust retention times of analytes without changing any instrumental method parameters, carrier gas pressure, flow rates, and does not require the use analyte materials for the adjustment.

Sincerely Yours,



Duisburg 20.08.2024

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