Θ2.1. Σύστημα Αέριας Χρωματογραφίας συζευγμένη με φασματομετρία μαζών (gas chromatography-mass spectrometry) με ΑΝΙΧΝΕΥΤΗ ΠΛΑΣΜΑΤΟΣ ΗΛΙΟΥ (Β.60)

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| Α/Α | ΑΝΑΛΥΤΙΚΗ ΠΕΡΙΓΡΑΦΗ ΠΡΟΔΙΑΓΡΑΦΩΝ | ΑΠΑΙΤΗΣΗ | ΑΠΑΝΤΗΣΗ | ΠΑΡΑΠΟΜΠΗ |
| (α) | (β) | (γ) | (δ) | (ε) |
|  | **Α. Γενικά χαρακτηριστικά – απαιτήσεις:** |  |  |  |
| 1 | Gas Chromatographer: Oven Temperature: Ambient +2 to 450 °C, Sample Injection, Unit Temperature: 450 °C maximum, Retention Time Repeatability: <0.0008min\*1, Flow Control: Constant flow, constant pressure, constant liner velocity, Injection Port Temperature: 450 °C maximum, AFC Pressure Range: 1035 kPa maximum, Peak Area Repeatability: <1% RSD\*1, Oven Ramp Rate: Max 120 °C/min\*2, Mass spectrometer: GCMS Interface: Type: Direct connection with capillary column, Temperature: 50 °C to 350 °C, Ion source: Type: Front access, Ionization: EI and NCI, Filament: Dual, automatic switching, Electron Energy: 10 to 200 eV, Electron Current: 5 to 250 µA, Temperature: 1 40 to 300°C, Mass analyzer and detector: Mass Analyzer: Metal quadrupole with pre-rod, Mass Range: m/z 1.5 to 1090, Possible setting of FWHM: 0.4 to 2.0 u, Stability: ± 0.1 u/48 hours (constant temperature), High-Speed scanning, Control: speed control, High-Speed Scan Rate: 20000 u/sec, Minimum Measurement Interval: 0.01 s (100 scan/sec maximum), Detector: Electron multiplier with low noise overdrive lens 8 × 10 6 (dynamic range), Pump: 190 L/sec / 170 L/sec (He) Turbomolecular pump differential exhaust system, Auxiliary Pump: 30 L/min (60 Hz) oil rotary pump, Column Flow Rate: 15 mL/min maximum (He), Carrier Gas: Helium, hydrogen, nitrogen, Software: Total control: diagnosis of faults | ΝΑΙ |  |  |
| 2 | Ποσότητα | 1 |  |  |