

Acceptance test of UHPLC systems proposed by EBiG-CEE-NTU

The commissioning should include:

1. Set-up the parts of UHPLC in the assigned space and connection between parts should be made based on the instrumentation design.
2. Install the latest version of software in the computer and ensure the communication between software and hardware.
3. Make sure data acquisition and data processing in the software. No sudden interruption or out of work should be found.
4. Initialize the instrument with solvent filled in the channel, pump or other empty space within the instrument.
5. Make demonstration trial with mixed standards to verify the normal function of each part. The stability of flow rate, system pressure, proportion of different solvents in different channel, injector, the temperature control in column chamber, leakage test of channels with column installation, stability of diode-array detector or equivalent detector, and gas flow in charged aerosol detector or equivalent detector should meet the specification in the Tender.
6. Label the contact person, contact phone, contact email and next time for protective maintenance.
7. Provide training for potential lab users and operation manual. The training venue is not restricted to NTU but could be the company's demonstration center if the company has. Alternative equivalent training is acceptable.