



Forensic Analysis for Explosives Proficiency Testing Scheme

Version 1

Issue Date: September 2025

Round 014: Instructions

Storage: Upon receipt these items may be stored at ambient temperature.

As all items submitted are for identification purposes and are therefore unknown - please treat them as potentially corrosive, oxidising, flammable, toxic, and damaging to the environment.

Scenario

Through routine environmental monitoring, a potentially significant explosives contamination has been identified in one of your Institute's explosives-free laboratories. To assess the issue, a swab sample has been taken from a laboratory bench and extracted in 50/50 methanol/water. You have been asked to chemically analyse the liquid extract to identify any potential contamination. At this stage, only qualitative identification of any explosives present in the extract is required

ID01	Liquid from a blank swab containing 50/50 methanol water (Control)
ID02	Liquid from a swab taken from a laboratory bench and extracted in 50/50 methanol water

Requirement

1. Analyse the submitted items (ID01-ID02 using your standard operating procedures and standard methods, and provide qualitative identification).

Any comments may be included in the comments section

All results should be submitted using PORTAL.

Please go to <https://portal.lgcstandards.com>

Login using your Lab ID, username and password.

PORTAL user advice has been supplied in the sample package and in the sample despatch email.

Further guides can be downloaded from the help section.

Please do not hesitate to contact our support team using the details below or your local LGC representative if any difficulties are encountered.

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