

Questions 1 and 2.

Section 3 of Call for Interest (page 4) - Stability against bacterial activity

- a) *Is it a one-time inoculation at the beginning or a weekly inoculation?*
- b) *What is the concentration and amount of bacteria of the inoculum added to the emulsion?*
- c) *Is a fuel tank water sample contaminated with living bacteria available?*
- d) *Do you operate already with a laboratory which has set up the complete test method?*
- e) *Do you have a preferred bacteria strain or strains that should be used or a reference to a particular testing standard.*
- f) *What is the water/ fuel ratio?*
- g) *Do you need to see the results in Diesel and Gasoline or only in one type of fuel?*

Section 3 of Call for Interest (page 4) - Stability to exposure to UV-light (sun light) based on standard doses of irradiance using a xenon arc lamp

Could you please provide details on:

- a) *Test duration required*
- b) *Wattage of the lamp*
- c) *Wavelength range*
- d) *Temperature*

Answer

The only lab experiment the applicants are required to perform is the recovery experiment as described in Annex IV. All the mentioned documents in the call of interest and results for the recovery experiments have to be sent by 31 December 2015.

Taking in consideration the provided information, four substances which fulfil the minimum requirements established in the call for expression of interest will be selected for the second stage. Stability (both against bacteria and exposure to UV light) will only be tested in the selected substances in the second stage, and always by the labs assigned by the Commission under the coordination of the JRC, not the applicants.

Further information about the test parameters of the experiments performed in the appointed labs by the Commission will be made available at the second stage.

Question 3.

Section 5.3.1 of Call for Interest (page 8 and 9)

How would you like us to report results on Linearity, Range, Selectivity, LOD, LOQ, 'trueness' repeatability, intermediate precision, reproducibility and robustness?

Answer

All requested data should be given in writing or in tables. A validation report or a draft validation report would be desirable.

Question 4

I have tried the method for recovery of marker on silica cartridges, and I have a big problem : the flow is very low !

I let the fuel pass by gravity as clearly asked in the Annex IV method and the maximum flow is about 7 mL/hr (= 0,1 mL/min) so that the 500 mL to test would pass in about 70 hours !

Did you receive the same kind of remark from any other applicant? Do you know when we would receive the "official" cartridges (hoping the flow will be more acceptable with these ones)?

Answer

We suspect there is a clogging problem caused by the presence of water in the cartridge. Silica is extremely hygroscopic material and cartridges must be kept dry all the time. If a packet is opened and not all the cartridges are used, it is recommended to keep the non-used cartridges in a dry environment, such as a desiccator, until their use. The sample should be relatively water-free as well.

Please let us know if all these conditions have been met and you continue having the same problem.

Question 5

Will the selected marker substance be specified by its Chemical Name/CAS number as with the current Euromarker?

Answer

The common fiscal marker must be clearly described in the Commission decision. The decision on the best description will be taken once the marker is established and it will normally refer to chemically scientific name based on IUPAC nomenclature.