

**WI 7.4-1 RULES FOR ACCEPTANCE OF TEST ITEMS SUPPLIED BY CUSTOMER**

Samples for testing at LAKOS are accepted every working day from **9.00 a.m. to 5.00 p.m.** on address **city Burgas, complex Slaveykov, building 126, entrance A, floor 3, office No. 9.**

**It is desirable to be informed in advance about delivery to e-mail: [info@ecoeng.bg](mailto:info@ecoeng.bg) or by phone 0885 014 419 , 056 586667.**

**METHOD FOR RECEIVING TEST SAMPLES IN LAKOS**

- Brought by a customer or by his authorized representative to the LAKOS RECEPTION OFFICE,

**DOCUMENTS ACCOMPANYING TEST SAMPLES**

- sampling protocol, in cases where the sampling was carried out by another accredited laboratory;
- another document (letter, permit, monitoring plan, etc.) to provide guidance on the regulatory requirements regarding the characteristics to be tested.

In case of need for clarifications or assistance in completing the documentation accompanying the sample, the client receives assistance and information from a LAKOS employee (Head of LAKOS or coordinator) on phones 0885 014 419 and 056 58 66 67.

**MINIMUM QUANTITIES OF SAMPLES PER TEST****For physico-chemical indicators:**

- 1 piece in PET packaging of 1.0 dm<sup>3</sup>

**For oxygen parameters and nitrogen ( BOD<sub>5</sub>, COD ; Nitrogen (total) ) :**

- 1 piece in PET packaging of 0.5 dm<sup>3</sup>, filled to the top

**For " extractable substances" and "petroleum products" indicators:**

- 3 pcs. in glass packages of 1.0 dm<sup>3</sup> for each indicator, not filled to the top

**After the conclusion of the Contract, more detailed instructions will be provided if necessary.**

**STORAGE AND PRESERVATION OF SAMPLES UNTIL PROVIDED TO LAKOS LABORATORY PREMISES:**

- It is necessary that the samples intended for testing be provided to the testing laboratory within 24 hours of their sampling. During this time interval, they must be stored at a temperature below 4 °C . In the event that this condition is not met, the preservation requirements and storage conditions presented in the following table must be observed:

no	Indicator	storage conditions Requirement according to standard BDS EN ISO 5667-3
1	Active reaction	Transport in dark and cool ( from 2 to 8 degrees )
2	Total suspended solids	Store we at dark and cold, but no more from 2 days .
3	BOD <sub>5</sub>	Storage at temperature up to 4 °C in filled up and tight closed bottle .
4	COD	Storage in dark at temperature from 2 to 5 °C . The test should start as soon as it possible, or stabilization with sulphuric acid to pH≤2 and testing up to 5 days . When frozen, the samples are stable up to 1 month .
5	Nitrogen (total)	Store at 4 °C in a top-filled and hermetically sealed bottle immediately after sampling and until analysis.
6	Phosphorus (total)	Acidification to pH 1 or 2 with sulphuric acid and analysis up to 1 month . <b><i>It does not apply if the sample is provided to the testing laboratory within 24 hours of sampling .</i></b>
7	Iron (total )	Acidification to pH 2 with nitric acid and analysis up to 1 month . <b><i>It does not apply if the sample is provided to the testing laboratory within 24 hours of sampling .</i></b>
8	Lead	
9	Copper	
10	Chromium ( hexavalent )	Without stabilization and analysis up to 24 hours .
11	Nickel	Acidification to pH 1 or 2 with nitric acid and analysis up to 1 month . <b><i>It does not apply if the sample is provided to the testing laboratory within 24 hours of sampling .</i></b>
12	Zinc	

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no	Indicator	storage conditions Requirement according to standard BDS EN ISO 5667-3
13	Phenols ( volatile )	Acidification to pH less of 4 with phosphorus acid and analysis up to 21 days . <b><i>It does not apply if the sample is provided to the testing laboratory within 24 hours of sampling .</i></b>
14	Anion active detergents	Store we at dark and cold, but no more from 24 hours .
15	Extractable substances	Acidification to pH 2 with hydrochloric acid . <b><i>It does not apply if the sample is provided to the testing laboratory within 24 hours of sampling .</i></b>
16	Petroleum products	

**TEST SAMPLES WILL NOT BE ACCEPTED IN CASES OF:**

- lack of accompanying documents;
- presence of suspicion of improper transport, manipulation, damaged packaging, etc., concerning the reliability of the test results;
- visible violation of the integrity of the sample;
- the amount of samples received does not meet the requirements of the necessary packaging described above;

Approved by: eng. Rositsa Yankova-Ralcheva – Head of LAKOS

Date: 30.06.2022