



# Analysis order for farm manure and fermentation medium



LKV sample no.:

Material:

Receipt date lab:

Sender/

Invoice to sender

Distributor:

Invoice to:

Sampling date:

Sample no.:

Producer:

Sampler:

Storage location:

Species:  ruminants  pigs  poultry  horse

## Complete analysis of farm manure to be used on your own farm

- slurry, liquid manure, leachate
- dung dry matter, pH value, organic matter, total N, NH<sub>4</sub>-N, P, K, Mg as oxide
- output

## Complete analysis of farm manure to be traded (with declaration acc. to DüMV)\* (Please fill out **additional** data!)

- slurry, liquid manure, leachate
- dung dry matter, pH value, organic matter, C:N, total N, NH<sub>4</sub>-N, alkaline effective substances, P, K, Mg as oxide, S, B, Cu, Zn, Co, Se
- output

## Complete analysis of input for biogas plants

- slurry dry matter, organic dry matter, pH value, total N, NH<sub>4</sub>-N, C:N:P:S ratio
- dung norm gas (estimated on the basis of KTBL)

## Additional and/ or single analysis

- |  |   |  |                                      |  |                                     |
|--|---|--|--------------------------------------|--|-------------------------------------|
| <input type="checkbox"/> dry matter                                | <input type="checkbox"/> org.substance                      | <input type="checkbox"/> crude ash                     | <input type="checkbox"/> crude fibre | <input type="checkbox"/> crude fat     | <input type="checkbox"/> pH value   |
| <input type="checkbox"/> N and NH <sub>4</sub> -N                  | <input type="checkbox"/> sulphite                           | <input type="checkbox"/> lactic acid                   | <input type="checkbox"/> calcium     | <input type="checkbox"/> sodium        | <input type="checkbox"/> phosphorus |
| <input type="checkbox"/> potassium                                 | <input type="checkbox"/> magnesium                          | <input type="checkbox"/> copper                        | <input type="checkbox"/> density     | <input type="checkbox"/> zinc          | <input type="checkbox"/> manganese  |
| <input type="checkbox"/> ferrum                                    | <input type="checkbox"/> boron                              | <input type="checkbox"/> molybdenum                    | <input type="checkbox"/> chloride    | <input type="checkbox"/> sulphur       | <input type="checkbox"/> VOA/TAC    |
| <input type="checkbox"/> buffer capacity                           | <input type="checkbox"/> urea                               | <input type="checkbox"/> Salmonella                    | <input type="checkbox"/> C/N ratio   | <input type="checkbox"/> C/N/P/S ratio | <input type="checkbox"/> pollutants |
| <input type="checkbox"/> acetic acid equivalent                    | <input type="checkbox"/> ferment. acids without lactic acid | <input type="checkbox"/> alkaline effective substances |                                      |  | acc.to DüMV                         |
| <input type="checkbox"/> additional nutrients available for plants |   |  |                                      |  |                                     |

## Necessary additional data for fermentation medium

- dry retention time = \_\_\_\_\_ days
- liquid volumetric load = \_\_\_\_\_ oDM kg/d/m<sup>3</sup>
- temperature = \_\_\_\_\_ °C

## \*Additional data for declaration

application tools: \_\_\_\_\_

basic material (data in %): \_\_\_\_\_

amount to be sold (mass or volume): \_\_\_\_\_

Results via:

post

fax

e-mail

@ \_\_\_\_\_

We need at most 1 l of liquid or rather 1 kg of solid sample material.

**Please send sample material in adequate and clean vessels!**

Signature \_\_\_\_\_

Stamp of the firm

