

Wet Chemical analysis of Bio-digestate – 10 samples over time frame

Parameter
TS
VS
pH value
VFA/TIC
TOC, TN
NH ₄ -N
Acetate, propionate, butyrate, lactate
Water-soluble elements (Ca, Mg, P, S, K, Na)

AD: Anaerobic digestion.

TIC: Alkalinity, total inorganic carbonate buffer.

TN: Total nitrogen.

TOC: Total organic carbon.

TS: Total solids [%].

VFA: Volatile fatty acids (C2-C4).

VFAS: Total fatty acid, a sum of acetate, propionate and butyrate concentrations.

VS: Volatile solids [% TS]