

Nomenclature table

| Acronym | Abbreviation |
|----------------------|--|
| GC-MS | Gas Chromatography Mass Spectroscopy |
| C/N | Carbon / Nitrogen ratio |
| TSS | Total Suspended Solids |
| VS | Volatile Solids |
| MW | Mega Watts |
| NaOH | Sodium Hydroxide |
| FT-IR | Fourier Transform InfraRed spectroscopy |
| HTL | Hydrothermal liquefaction |
| HCl | Hydrochloric acid |
| Ca (OH) ₂ | Calcium hydroxide |
| COD | Chemical Oxygen Demand |
| CHNS | Carbon Hydrogen Nitrogen Sulphur |
| ASTM | American Society for Testing and Materials |
| TGA | Thermo-gravimetric analyser |
| RS | Rice straw |
| AS | Anaerobic sludge |
| CD | Cow dung |
| HHV | Higher heating value |
| FID | Flame ionization detector |
| SEM | Scanning Electron Microscope |
| BET | Brunauer-Emmett-Teller |