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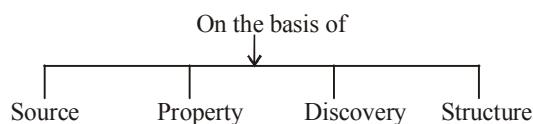
NOMENCLATURE

NOMENCLATURE OF ORGANIC COMPOUNDS

Mainly three systems are adopted for naming an organic compound : –

- (i) **Common Names or Trivial System**
- (ii) **Derived System**
- (iii) **IUPAC system or Geneva System**

COMMON OR TRIVIAL SYSTEM



(i) On the basis of source from which they were obtained.

S.No.	Organic Compound	Trivial Name	Source
1.	CH ₃ OH	Wood spirit or Methyl spirit	Obtained by destructive distillation of wood.
2.	NH ₂ CONH ₂	Urea	Obtained from urine
3.	CH ₄	Marsh gas (fire damp)	It was produced in marsh places.
4.	CH ₃ COOH	Vinegar	Obtained from Acetum - i.e. Vinegar
5.	$\begin{array}{c} \text{COOH} \\ \\ \text{COOH} \end{array}$	Oxalic acid	Obtained from oxalis plant.
6.	HCOOH	Formic acid	Obtained from formicus [Red ant]
7.	$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{COOH} \\ \\ \text{OH} \end{array}$	Lactic acid	Obtained from lactous (milk)
8.	$\begin{array}{c} \text{CH}_2 - \text{COOH} \\ \\ \text{CH}(\text{OH})\text{COOH} \end{array}$	Malic acid	Obtain from Apple
9.	CH ₃ CH ₂ CH ₂ COOH	Butyric acid	Obtained from butter.
10.	CH ₃ (CH ₂) ₄ COOH	Caproic acid	Obtained from goats.
11.	C ₂ H ₅ OH	Grain alcohol	Obtained from barley.