

Analytical Chemistry

28-04-20

Types of Errors & Errors

difference b/w

⇒ Measured value & true value is called Error, it may be positive & negative in nature.

Types of Errori- Determinate Errorii- In-Determinate Error

systematic

⇒ Determinate Error

⇒ Not random

a) Constant Error ⇒ increase constant valueb) Proportional Error ⇒ Percentage

increase ⇒ increase true value ⇒ it may be additive or multiplicative

c) Multiplicative Errord) Additive ErrorMethod :i- Instrumentii- Analytical method

## Precision

Degree of agreement b/w replicate measurement is called the precision.