LIST OF ABBREVIATIONS

LPM       Liters per minute
DTBC      Draft tube bubble column
RBC       Rectangular bubble column
RDTBC     Rectangular draft tube bubble column
CDTBC     Cylindrical draft tube bubble column
CDTBC-1   Cylindrical draft tube bubble column having equivalent draft tube cross-sectional area as RDTBC
CDTBC-2   Cylindrical draft tube bubble column having larger diameter
DT        Draft tube
c.s area  cross-sectional area, cm²
DO        Dissolved oxygen
NH₃-N     Ammoniacal nitrogen
PO₄³⁻ - P Orthophosphates
APHA      American Public Health Association
YEPD      Yeast Extract Peptone Dextrose

DEFINITION

Percentage absolute error = \( \frac{1}{n} \left[ \sum \left| \frac{\text{Experimental}}{\text{Experimental}} - \text{Predicted} \right| \right] \times 100 \)

where, \( n = \) number of data points