# Abbreviations

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|---|---|---|
| µg/ml | : | Microgram per millilitre |
| µL | : | Microliter |
| ALA | : | Amino Levulinic Acid |
| ALA-D | : | Amino Levulinic Acid Dehydratase |
| ANOVA | : | Analysis of Variance |
| BL | : | Blebbed |
| BN | : | Binucleated |
| BUN | : | Blood Urea Nitrogen |
| CAs | : | Catecholamines |
| CD | : | Circulatory disturbances |
| CDK | : | Cyclin Dependent Kinases |
| CF | : | Condition Factor |
| cm | : | Centimetre |
| CSI | : | Cardiosomatic Index |
| DCT | : | distal convoluted tubules |
| DDT | : | Dichlorodiphenyltrichloroetane |
| E. P.A | : | Environment Protection Agency |
| FACS | : | Fluorescence-Activated Cell Sorting |
| FI | : | Fish Index |
| FITC | : | Fluorescein Isothiocyanate |
| g | : | Gram |
| g/dL | : | Gram per decilitre |
| G1 Phase | : | Growth phase I |
| G2-M Phase | : | Growth phase II |
| GI | : | Gill Index |
| GSI | : | Gonadosomatic index |
| Hb | : | Haemoglobin |
| HD | : | High Dose |
| HSI | : | Hepatosomatic Index |
| I rp | : | Reaction Pattern of Organ |
| Ifish | : | Fish Index |
| inf or I | : | Inflammation |
| Iorg | : | Organ Index |
| Iorg rp | : | Reaction index of an organ |
| IUPAC | : | International Union of Pure and Applied Chemistry |
| KI | : | Kidney Index |
| Kn | : | Relative Condition Factor |
| LB | : | Lobbed |
| $LC_{50}$ | : | Lethal Concentration or median lethal concentration |
| LCL | : | Lower Confidence Limit |
| LD | : | Low dose |
| LI | : | Liver Index |
| LOECs | : | Lowest Observe Effective Concentrations |
| M | : | Molar |
| MCH | : | Mean Corpuscular Haemoglobin |
| MCHC | : | Mean Corpuscular Haemoglobin Concentration |
| MCV | : | Mean Corpuscular Volume |
| MD | : | Medium Dose |

| | | |
|---|---|---|
| mg | : | Miligram |
| mg/kg | : | Milligram per kilogram |
| mg/L | : | milligram/liter |
| ml | : | Mililiter |
| mM | : | Milimolar |
| MMCs or MMC | : | Melanomacrophage centers |
| MN | : | Micronucleus |
| n | : | Number of sample |
| NAs | : | Nuclear Abnormalities |
| NT | : | Notched |
| O.E.C.D | : | Organization for Economic Cooperation and Development |
| OBF | : | Opercular Beat Frequencies |
| ºC | : | Celsius |
| PBG | : | Porphobilinogen |
| PBS | : | Phosphate buffered saline |
| PC | : | Progressive changes |
| PCB's | : | polychlorinated biphenyl |
| PCT | : | Proximal convoluted tubules |
| PCV | : | Pack Cell Volume |
| PE | : | Pyrazosulfuron-Ethyl |
| Pg | : | Picogram |
| Ph | : | Potential of Hydrogen |
| PI | : | Propidium Iodide |
| ppb | : | parts/billion |
| ppm | : | Parts/million |
| $R^2$ | : | Regression Coefficient |
| RBC | : | Red blood cell count |
| RBC | : | Red blood corpuscles |
| RC | : | Regressive changes |
| rp | : | Reaction Pattern |
| RP | : | Reaction pattern |
| RSI | : | Renosomatic Index |
| RT | : | Room Temperature |
| S Phase | : | Synthesis Phase |
| SD | : | Standard Deviation |
| SE | : | Standard Error |
| SEM | : | Standard Error Mean |
| SSI | : | Spleenosomatic Index |
| TBF | : | Tail Beat Frequencies |
| Tot-I | : | Total Index |
| UCL | : | Upper confidence limit |
| v/v | : | Volume by Volume |
| W | : | Importance Factor |
| WBC | : | White blood corpuscles |
| WHO | : | World heath Organization |
| WP | : | Wettable powder |