The required structure of the data in Conductuvuties.csv (or Conductivities.xlsx) is described in the following sample table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Conductivity [uS/cm]** | **Conductivity [uS/cm]** | **Conductivity [uS/cm]** | **Conductivity [uS/cm]** |
| **time\_[s]** | BSA+AChE +0,1ml AChCl | BSA+AChE +0,3ml AChCl | BSA+AChE +0,9ml AChCl | BSA+AChE +1,5ml AChCl |
| 5 | 215 | 151,4 | 163 | 194,3 |
| 10 | 215 | 151,6 | 163,1 | 194,2 |
| 15 | 215 | 151,9 | 163,3 | 194,2 |
| 20 | 215 | 152,1 | 163,5 | 194,3 |
| 25 | 215 | 152,2 | 163,6 | 194,4 |
| 30 | 215 | 152,2 | 163,8 | 194,5 |
| 35 | 215 | 152,4 | 163,9 | 194,6 |

Here the following denotations for the substances are used:

Albumine: Bovine Serum Albumin (BSA)

Enzyme: Acetylocholinesterase (AChE)

Substrate: Acetylcholine chloride (AChCl)