**Table S1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nutrient examined** | **Type of addition** | | | | | |
| **Control** | **PO4** | **ATP** | **G6P** | **2-AEPn** | **PO4+ATP** |
| NO2+NO3 | **-65±7** | **BDL** | **BDL** | **BDL** | **BDL** | **BDL** |
| PO4 | -48±26 | **+17±17** | -57±28 | **+300** | -**81±15** | **+17±5** |
| Si(OH)4 | -5±6 | -7±9 | -7±6 | -6±9 | -1±3 | -9±10 |
| DOP | **-37±4** | **BDL** | **-37±3** | **-26±5** | +4±3 | **BDL** |