**Table S1**

Purification of tripolyphosphatase activity from *E. coli* soluble fraction.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | Fraction | Protein (mg) | Activity (50 °C)  (µmol/min) | Specific activity  (µmol/mg.min) | Step purification factor | Total purification factor |
| Homogenate supernatant  Ammonium sulfate precipitation  MonoQ  Sephadex  G200 | S1  C80  F1  F2 | 428  163  4.69  3.09 | 77  160  24  3 | 0.18  0.98  5.1  7.5 | 1  5,45  5,17  1,47 | 1  5.5  28  41 |