|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step** | **Total protein** | **Total activity (U)** | **Specific activity (U mg -1)** | **Purification**  | **Recovery**  |
|  |  **(mg)** | **NAD+** | **NADP+** | **NAD+** | **NADP+** | **(fold)** | **(%)** |
| Crude extract | 1826 | 1425 | 493 | 0.78 | 0.28 | 1 | 100 |
| Heat treatment  | 1015 | 1320 | 457 | 1.3 | 0.45 | 1.7 | 93 |
| (50-80 %) (NH4)2SO4 fractionation | 460 | 1150 | 399 | 2.5 | 0.87 | 3.2 | 81 |
| Sephacryl S-100 Gel filtration | 110 | 803 | 278 | 7.3 | 2.5 | 7.3 | 56 |
| Red-Sepharose CL-6B chromatography | 8 | 728 | 252 | 91 | 32 | 116 | 51 |
| PBE-94 chromatofocusing | 3.6 | 655 | 227 | 182 | 63 | 232 | 46 |