|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Reinigungsschritt | Protein-konzentration  [g/l] | Vol  [ml] | Proteinmasse  (Gesamt)  [mg] | Aktivität  A  [IU] | Spez. Aktivität  A/m  [IU/mg] | Reinheit gem. SDS-PAA  [%] | Proteinmasse  Zielprotein  [mg] | Yield  Aktivität  [%] | Yield  Proteinmasse  [%] |
| **Lysat:** |  |  |  |  |  |  |  | 100 | 100 |
| **Zellaufschluss:** |  | | | | | | | \* | \* |
| Pellet (verworfen) |  |  |  |  |  |  |  |  |  |
| ÜS (weiterverarbeitet) |  |  |  |  |  |  |  |  |  |
| **Ammoniumsulfatfällung:** |  | | | | | | | \* | \* |
| AS Überstand 45% |  |  |  |  |  |  |  |  |  |
| ASPellet 45%, (verworfen) |  |  |  |  |  |  |  |  |  |
| AS Pellet 63% |  |  |  |  |  |  |  |  |  |
| AS Überstand 63%, verworfen |  |  |  |  |  |  |  |  |  |
| **Dialyse:** |  | | | | | | | \* | \* |
| ÜS (veiterverarbeitet) |  |  |  |  |  |  |  |  |  |
| Pellet (verworfen) |  |  |  |  |  |  |  |  |  |
| **Anionenaustauscher:** |  | | | | | | | \* | \* |
| Q-Pool (weiterverarbeitet) |  |  |  |  |  |  |  |  |  |
| Q (verworfen) |  |  |  |  |  |  |  |  |  |
| **Hitzedenaturierung** |  | | | | | | | \* | \* |
| Hitze Pellet |  |  |  |  |  |  |  |  |  |
| Hitze Überstand |  |  |  |  |  |  |  |  |  |
| **HIC-Chromatographie** |  | | | | | | | \* | \* |
| HIC Pool (weiterverarbeitet) |  |  |  |  |  |  |  |  |  |
| HIC (verworfen) |  |  |  |  |  |  |  |  |  |
| **Gelfiltrationsfraktionen:** |  | | | | | | | \* | \* |
| Pool |  |  |  |  |  |  |  |  |  |
| Rest |  |  |  |  |  |  |  |  |  |

\*Werte bezogen auf das Rohlysat (=100%)