Pharma A/S Doc ID: Prod.CL.Ferm.01 **Cleaning Check List for Fermentor Tanks** Version: Respon: stelar Date (d/m/y) Tank T02 Tank T01 Start cleaning time: hr:min OK Tank is ready for cleaning OK CIP system is ready 1st water flush Time (min) Minimum 5 minutes Alcaline wash 43 40-50 °C Temp TI03 (°C) 65 Flow F02 (liter/min) 60-90 18 Time (min) Minimum 15 minutes 2nd water flush Time (min) Minimum 5 minutes Acid wash Max 40 °C Temp TI04 (°C) Flow FI03 (liter/min) 60-90 Time (min) Minimum 15 minutes Final water flush Time (min) Minimum 5 minutes Rinse sample conductivity Max 900 mS/cm CIP system stopped End cleaning time hr:min Max 180 (If >180 give Total clean time (min) explanation)

Operator performing CIP Initials Control person **Initials**

Remarks

PROBLEM WITH ALID WASH