

- Ppk Process Capability Index),

- Adjustment Yield (R%).

- Ppm (overall Process performance Index)

Performance Qualification of a Syringe Filling Machine, Smartfiller®

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Background A Smartfiller[®] syringe filling machine (AddedPharma Nederland) has been set up in our unit to ensure centralized production of injectable medications (CIVAS - Centralized Intravenous Admixture Services), particularly vancomycin syringes for the neonatology department. The goal of this work was to carry out the performance qualification of Smartfiller[®] and assess its capability.



Conclusion

The performance of the machine for filling 10 mL syringes meets the specifications for 98.33% of the prepared syringes. The observed NCs are minor and detectable by the implemented controls. The Smartfiller[®] machine can be used routinely to produce vancomycin CIVAS.