Success Story

Leading Biopharma Uses Linkit® AX to Increase the Efficiency of Their Aliquoting Process

A Leading Biopharma was looking for a way to speed up their CAR-T media preparation. The fully manual and time intense media preparation process was not set up for GMP manufacturing. After 3 years of collaboration, Sartorius developed a semi-automated media blending and aliquoting solution – the Linkit® AX Aliquoting Solution – that has been implemented and is now part of a GMP CAR-T manufacturing process.

Customer Challenge
- Because the system was fully manual, it was a time intensive process for the customer
- Due to the amount of handling required, the risk of error and inaccuracy was high
- Unknown extractable profile
- There was no strategy to scaleup the media preparation from lab scale to a GMP environment

Provided Solution
Standardized semi-automated solution that can be used to reduce intense time effort for media prep, minimize handling errors and provide high aliquoting accuracy – while allowing for sustainable growth for increasing demand.

Case Profile
Company Type: Large Biopharma
Related Therapy: CAR-T or T cells
Process Steps: Cell Culture Media and Buffers

Before
- 2 days of media preparation for 50 L batch per media
- 2+ employees

After
- 4 h for media preparation and aliquoting for a 50 L batch per media
- <2 employees

Over 10× faster
4 hours instead of 2 days.

Less errors
caused by operator handling.

Faster turnaround
of media preparation and aliquoting.