design for sustainability (DfS) scorecard

With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.

Cellvento® Modifeed Prime COMP

Chemically defined cell culture feed, highly concentrated, no pH adjustment in hydration, ambient storage of hydrated liquid possible.

Impact areas	Results
MATERIALS	No sodium hydroxide is required for pH adjustment, reducing materials needed and exposure to a strong base
SUPPLIERS & MANUFACTURING	100% of key suppliers participate in our supplier sustainability program and more than 50% of product manufacturing costs are covered by suppliers with an Ecovadis rating of bronze or better.
PACKAGING	Packaging meets our standards for plastic sustainability and recyclability, except the foil-lined bag in the 50L pack size which is required for moisture protection but is not recyclable
ENERGY & EMISSIONS	Storage at +4°C is not required for hydrated Modifeed Prime solutions, potentially saving up to 365 kWh per year. Longer hydration time for Modifeed Prime means an overhead stirrer would need to be used longer, but based on manufacturer data, would consume less that 1 kWh per 5L batch of media
WATER	No change compared to baseline product in consideration of our DfS criteria
USABILITY & INNOVATION	No sodium hydroxide required for pH adjustment and hydrated media can be stored ambient for up to 30 days
CIRCULAR ECONOMY	No change compared to baseline product in consideration of our DfS criteria

Baseline product: Cellvento® 4Feed