

# Technical Data Sheet

**Green Elephant  
96-well plate  
white**



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## 1. Product description

The white Green Elephant 96-well plate is the world's first of its kind on the market that is made from polylactic acid using injection molding. With this renewable biopolymer as raw material, the carbon footprint of the Green Elephant 96-well plate can be reduced by ~50 % in comparison to one made from polystyrene. The use of the white Green Elephant 96-well plate made from PLA is similar to one made from polystyrene. Key data is provided below.

## 2. Technical overview

### Dimensions

Dimension	Unit	Value
Width	[mm]	85.18
Length	[mm]	127.76
Height	[mm]	14.35

## 3. Properties

<b>Description:</b>	Microplate, 96-well, no lid, white, flat bottom, non-treated, non-sterile
<b>Packaging dimensions:</b>	410 mm x 350 mm x 270 mm
<b>Weight:</b>	49 g
<b>Theoretical total volume:</b>	372 µL/Well
<b>Working volume:</b>	50 – 200 µL/Well
<b>Material:</b>	≥98 % Polylactic acid
<b>Color:</b>	White
<b>Temperature range:</b>	- 80 °C to 40 °C
<b>Storage:</b>	Room temperature, sunlight protected
<b>Centrifugability:</b>	Yes, up to 4000 xg
<b>Autoclavability:</b>	No
<b>Shelf life:</b>	12 months
<b>Packing unit:</b>	25 pieces per pack; 100 pieces per case
<b>Certificates:</b>	-
<b>Quality management:</b>	-



## 4. Technical support

For technical support, questions or remarks please contact the technical department of Green Elephant Biotech GmbH via e-mail ([tech-service@greenebt.com](mailto:tech-service@greenebt.com)).