

## Mannanase Response Blackcurrant Jelly Stain

The level of mannanase enzyme response shown by natural stains supplied by Warwick Equest, was evaluated by performing a series of wash tests under European conditions using IECA\* base detergent powder. A clean ballast load has been used to show optimum levels of stain removal.

Results shown below are for 5cm stain circles, prepared on 100% knitted cotton, white fabric.

### Wash Conditions:

- European Machine – Miele W487
- 40°C wash programme (104°F)
- Normal wash, cotton cycle
- 3.5Kg clean ballast load
- Formulation contained IECA\* (85g), sodium percarbonate (10g), and TAED (5g).
- Total detergent dose 16.7g/l

As mannanase enzyme dose is increased, the level of stain removal also increases. The level of enzyme required to deliver maximum stain removal varies by stain type.

### Mannanase Response Curve (40°C) Blackcurrant Jelly

