

Megazyme, Bray Business Park, Bray, Co. Wicklow, A98 YV29, Ireland. Tel: + 353 1 2861220 Fax: + 353 1 2861264

Certificate of Analysis

| Product: | Pullulan | |
|--------------|----------------|--|
| Cat. No: | P-PULLN | |
| Lot. No: | 130701a | |
| Expiry Date: | December, 2028 | |

| Test | Specification | Result |
|-------------------|--|-------------|
| Assay performance | This product meets the specification as stated on the corresponding product data sheet | Corresponds |

This lot meets our specification.

Signature:

Ida daressha

Date: 30/03/2018

Ida Lazewska Quality Control Laboratory Manager

(as this certificate is a computer printout, it has not been signed or dated by hand)