

**Megazyme,**

Bray Business Park,
Bray, Co. Wicklow,
A98 YV29,
Ireland.

Tel: + 353 1 2861220 Fax: + 353 1 2861264

Certificate of Analysis

Product: L-Malic Acid (Liquid Ready Reagent)
Cat. No: K-LMALQR
Lot. No: 190702
Expiry Date: Oct, 2021

Bottle 1 181101
Bottle 2 190402
Bottle 3 190403

| Test | Specification | Result |
|---------------------------|---|-------------|
| Assay performance | Reaction completed within time stated in kit booklet | Corresponds |
| | Target value for recommended standard material +/- 2% | Corresponds |
| Blank reaction absorbance | +/- 10% of mean blank value | Corresponds |

This lot meets our specification.

Signature: *Maciej Peplinski*

Date: 01/07/2019

Maciej Peplinski
Stock Co-Ordinator

p.p. Ida Lazewska QC/QA Laboratory Manager

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