

## Certificate of Analysis

Date of Testing: 2024-10-21 18:06:23

Date of Next Testing: 2027-10-21 18:06:23

Product Name: **N-decanoyl-L-Homoserine lactone**

CAS Number: 177315-87-6

Specifications & Purity:  $\geq 96\%$

Lot #: J2417555

SKU #: **N347574**

Version: **1**

Analysis #: **416287**

Storage Temperature: Store at -20°C, Argon charged

| Parameter            | Limit Values                          | Result                                            |
|----------------------|---------------------------------------|---------------------------------------------------|
| Purity(HPLC)         | 96-100 (%)                            | 100.00000 %                                       |
| Appearance (N347574) | White to Off White Powder to Crystals | White to off white powder to crystals or Plasters |
| Mass spectrum        | Conforms to standard                  | Conforms to standard                              |
| Proton NMR spectrum  | Conforms to structure                 | Conforms to Structure                             |



John Su  
QA & QC Manager