

## CERTIFICATE OF ANALYSIS

REF NO.: SC/21/EST/1850(1)

DESCRIPTION OF GOODS : MASESTER E1140 ISOPROPYL MYRISTATE

SPECIFICATION : STANDARD MUSIM MAS SPECIFICATION

LOT NO. : 11931LMGEL  
12371AMGEL

MANUFACTURING DATE : 11931LMGEL : 17 DECEMBER 2021  
12371AMGEL : 28 DECEMBER 2021

SHELF LIFE : 2 YEARS TO RETEST

| TEST                           | RESULTS    |            | SPECIFICATION                 |
|--------------------------------|------------|------------|-------------------------------|
|                                | LOT NO.    |            |                               |
|                                | 11931LMGEL | 12371AMGEL |                               |
| APPEARANCE                     | PASS       | PASS       | CLEAR, COLOURLESS OILY LIQUID |
| COLOUR, APHA                   | 11         | 11         | 30 MAX                        |
| ACID VALUE, mg KOH/g           | 0.05       | 0.06       | 0.5 MAX                       |
| SAPONIFICATION VALUE, mg KOH/g | 207        | 207        | 202 - 212                     |
| IODINE VALUE, g/100g           | 0.1        | 0.1        | 0.5 MAX                       |
| MOISTURE, %                    | 0.02       | 0.02       | 0.1 MAX                       |
| RELATIVE DENSITY AT 20°C       | 0.855      | 0.855      | 0.850 - 0.855                 |
| REFRACTIVE INDEX AT 20°C       | 1.434      | 1.434      | 1.434 - 1.437                 |
| SULPHATED ASH, %*              | 0.01       | 0.01       | 0.1 MAX                       |
| ASSAY (Isopropyl Myristate), % | 99.6       | 99.6       | 98 MIN                        |
| FATTY ACID COMPOSITION, %      |            |            |                               |
| C14                            | 99.6       | 99.6       | 98 MIN                        |