

## Certificate of Analysis.

## Methyl behenate Reference standard, AnStan®.

| Product code:     | BS13557.   |  |
|-------------------|--|--|
| Description:      | Methyl behenate Reference standard, AnStan®.     |  |
| Chemical Name:    | Behenic Acid Methyl Ester.                       |  |
| Pack:             | 100 gm.  |  |
| CAS No.:          | 929-77-1.  |  |
| Mol. Weight:      | 354.62 g/mol.                                    |  |
| Mol. Formula:     | C <sub>23</sub> H <sub>46</sub> O <sub>2</sub> . |  |
| MDL Number:       | MFCD00009347.                                    |  |
| Melting Point:    | 53 °C.   |  |
| Boiling Point:    | 393 °C.  |  |
| Density:          | 0.861 g/cm <sup>3</sup> .                        |  |
| Solubility:       | Soluble in chloroform.                           |  |
| Storage:          | Store at ambient temperature.                    |  |
| LOT NO.:          | Sample.  |  |
| Manufacture Date: | Lot specific.                                    |  |
| Expiry Date:      | 5 years.   |  |

| Test                    | Specification                            | Measured Values |
|-------------------------|--|-----------------|
| Appearance:             | White to Almost white powder to crystal. | Lot specific.   |
| Identification by NMR:  | Confirms to the structure.               | Lot specific.   |
| Identification by MASS: | Confirms to the structure.               | Lot specific.   |
| Identification by IR:   | Confirms to the structure                | Lot specific.   |
| Purity by GC:           | >95%.                                    | Lot specific.   |

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.

Dr. K. Deepti. Technical Head.









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