

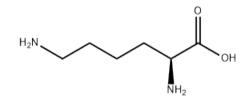
## Certificate of Analysis.

## D-lysine reference standard, Anstan<sup>®</sup>.

| Product code:     | BS14467.   |  |
|-------------------|--|--|
| Description:      | D-lysine reference standard, Anstan <sup>®</sup> . |  |
| Chemical Name:    | H-DL-LYS-OH.                                       |  |
| Pack:             | 1 gm.  |  |
| CAS NO.:          | 70-54-2.   |  |
| Mol. Weight:      | 146.19 g/mol.                                      |  |
| Mol. Formula:     | $C_6H_{14}N_2O_2$ .                                |  |
| MDL Number:       | MFCD00064432.                                      |  |
| Melting point:    | 170 °C.  |  |
| Boiling Point:    | 265.81 °C.   |  |
| Density:          | 1.12 g/cm <sup>3</sup> .                           |  |
| Solubility:       | Soluble in Methanol.                               |  |
| Storage:          | Store at ambient temperature.                      |  |
| LOT NO.:          | Sample.  |  |
| Manufacture Date: | Lot specific.                                      |  |
| Expiry Date:      | 5 years.   |  |

| Test                    | Specification                     | Measured Values |
|-------------------------|-----------------------------------|-----------------|
| Appearance:             | Pale Yellow to Light Beige solid. | 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 HPLC:         | >99%.                             | 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.



USA: #1004, Boston, Massachusetts, 02116, United States. India: Jeedimetla, Hyderabad-500 055, Telangana. www.britiscientific.com