

Certificate of Analysis



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General Information

| | |
|-------------------------------------|---|
| Product Name and Isotopic Labelling | Lys(8)-SILAC-Mouse Diet; Pellet Ø10mm |
| Amount | 1000 g |
| Product (Catalogue) Number | 230984640 |
| Lot Number | |
| Storage Conditions | Store below 4°C and keep the container closed |
| Shipping Conditions | No cooling required for shipping |

Product Information

| Diet Formulation | Composition | g/Kg |
|------------------|---|--------|
| | L-Lysine, ¹³ C ¹⁵ N-labeled | 10,00 |
| | L-Alanine | 3,47 |
| | L-Arginine HCl | 11,98 |
| | L-Asparagine | 5,94 |
| | L-Aspartic Acid | 3,47 |
| | L-Cystine | 3,47 |
| | L-Glutamic Acid | 39,60 |
| | Glycine | 23,07 |
| | L-Histidine HCl, monohydrate | 4,46 |
| | L-Isoleucine | 8,12 |
| | L-Leucine | 10,99 |
| | L-Methionine | 8,12 |
| | L-Phenylalanine | 7,43 |
| | L-Proline | 3,47 |
| | L-Serine | 3,47 |
| | L-Threonine | 8,12 |
| | L-Tryptophan | 1,78 |
| | L-Tyrosine | 4,95 |
| | L-Valine | 8,12 |
| | Sucrose | 503,79 |
| | Corn Starch | 148,50 |
| | Corn Oil | 99,00 |
| | Cellulose | 29,70 |
| | Mineral Mix, AIN-76 (170915) | 34,65 |
| | Calcium Phosphate, dibasic | 4,46 |
| | Vitamin Mix, Teklad (40060) | 9,90 |
| | Ethoxyquin, antioxidant | 0,02 |

Mass Shift to unlabeled Product
Suggestion

8 Da in terms of Lysine
Use within 6 months.

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Silantes GmbH certifies that this material does conform to the specifications stated below:

Quality Control Tests and Lot Results

| Test | Specification | Lot Results |
|---|---------------------|-------------|
| Appearance | Light brown pellets | confirms |
| Isotopic Enrichment for ^{13}C -Lysine | >98 % | confirms |
| Sterilization by Gamma irradiation | >10 kGy | confirms |

Date for Last Quality Review

15.11.2019

Approved by

Holger Bönisch