

CERTIFICATE OF ANALYSIS

PRODUCT NAME: 4, 4, 5, 5-D4 L-Lysine-2HCl, 500 mg

PRODUCT NUMBER: 88438

LOT NUMBER: ND1540423

SPECIFICATIONS:

GC MS: Isotopic Enrichment $\geq 96\%$

HPLC: Chiral Purity: $\geq 98\%$
Chemical Purity: $\geq 98\%$

RESULTS:

GC MS: Isotopic Enrichment 96 %

HPLC: Chiral Purity: 98.3 %
Chemical Purity: 99.5 %

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This product ("Product") is warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation") and to be free from defects in material and workmanship. Unless otherwise expressly authorized in writing, Products are supplied for research use only. No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the original purchaser of the Product ("Buyer").

No other warranties, express or implied, are granted, including without limitation, implied warranties of merchantability, fitness for any particular purpose, or non infringement. Buyer's exclusive remedy for non-conforming Products during the warranty period is limited to replacement of or refund for the non-conforming Product(s). There is no obligation to replace Products as the result of (i) accident, disaster or event of force majeure, (ii) misuse, fault or negligence of or by Buyer, (iii) use of the Products in a manner for which they were not designed, or (iv) improper storage and handling of the Products.

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