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Product Specification

Product Name:

L-Lysine-¹³C₆, ¹⁵N₂ hydrochloride - 99 atom % ¹³C, 99 atom % ¹⁵N, 95% (CP)

Product Number:

608041

MDL:

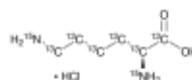
MFCD00144647

Formula:

13C₆H₁₅Cl₁₅N₂O₂

Formula Weight:

190.59 g/mol



TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Water (by Karl Fischer)	≤ 1.0 %
Purity (HPLC)	≥ 95.0 %
Chiral Purity	≤ 3.0 %
IC (HCl per 1.0 Lysine)	0.8 - 1.2
¹⁵ N Enrichment	≥ 99
Proton NMR Spectrum	Conforms
Carbon NMR Spectrum	Conforms
Proton NMR (ATOM% ¹³ C)	≥ 99.0 %
LCMS	Conforms

Specification: PRD.0.ZQ5.10000062913

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.