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## Product Specification

Product Name:

L-Glutamine-5-<sup>13</sup>C - 99 atom % <sup>13</sup>C, 99% (CP)

Product Number:

604690

MDL:

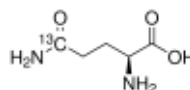
MFCD00144601

Formula:

13CC4H10N2O3

Formula Weight:

147.14 g/mol



TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder
Purity (HPLC)	≥ 99 %
Chiral Purity	≤ 1 %
Proton NMR Spectrum	Conforms
Carbon NMR Spectrum	Conforms
Water (by Karl Fischer)	≤ 0.5 %
<sup>13</sup> C Enrichment	≥ 99

Specification: PRD.0.ZQ5.10000062112

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](http://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.