

Certificate of Analysis

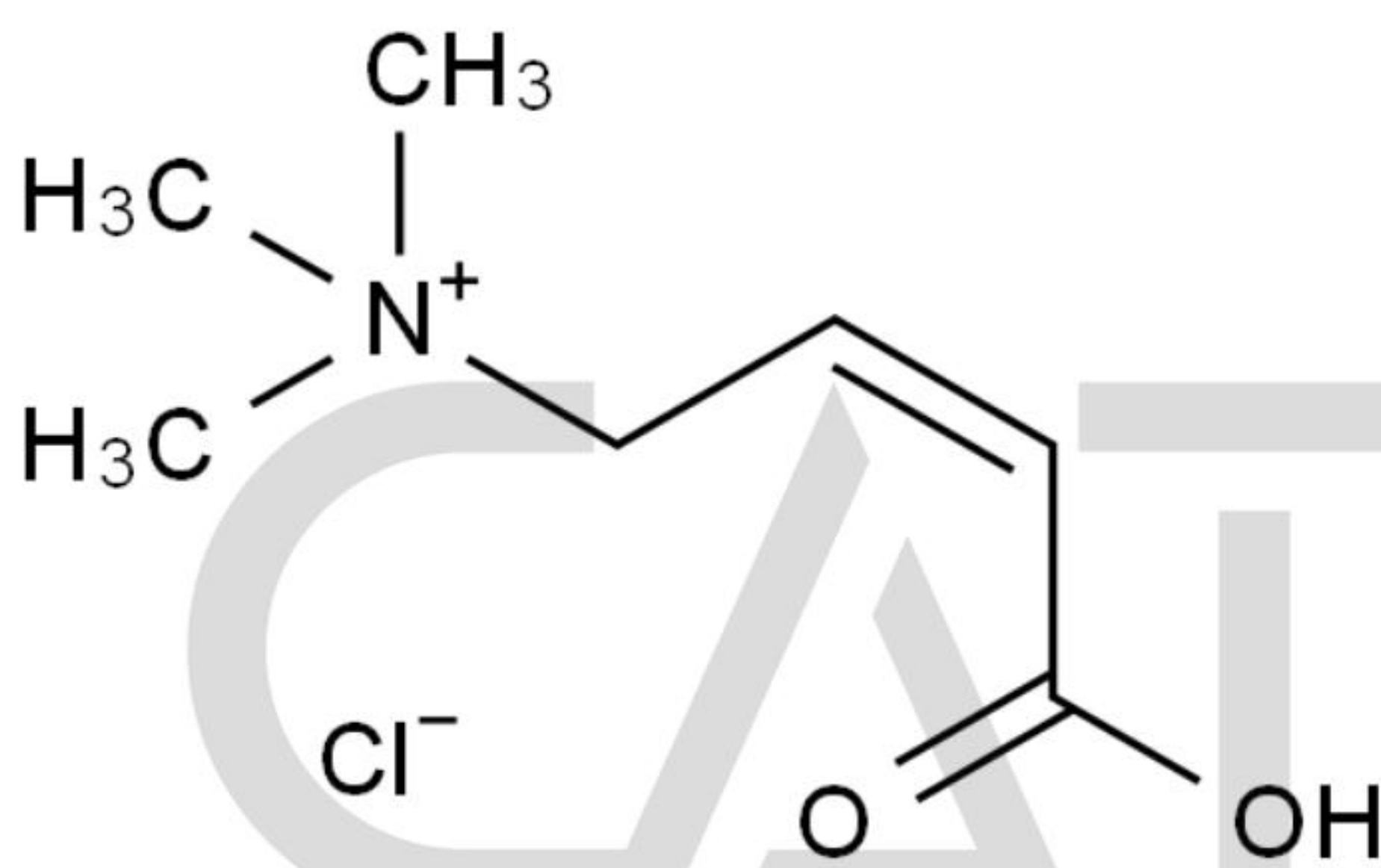
Reference Material & Standard

Product Name:	Levocarnitine Impurity 11	Catalogue Number:	C4X-129211
Synonyms:	N/A	Lot Number:	0816-RH-0057
CAS Number:	835638-57-8	Expiry Date:	Dec 05, 2029
Molecular Formula:	C ₇ H ₁₄ NO ₂ Cl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	144.19 35.45	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.1497%
Loss on Drying	TGA	0.9674%
Assay		97.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 18, 2026

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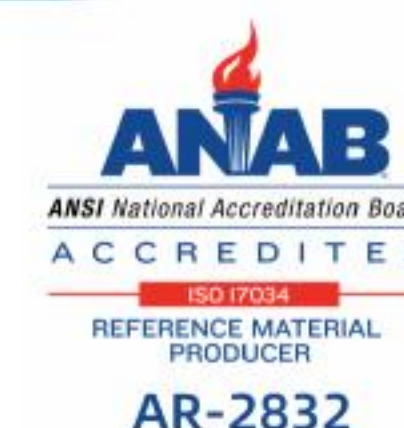
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