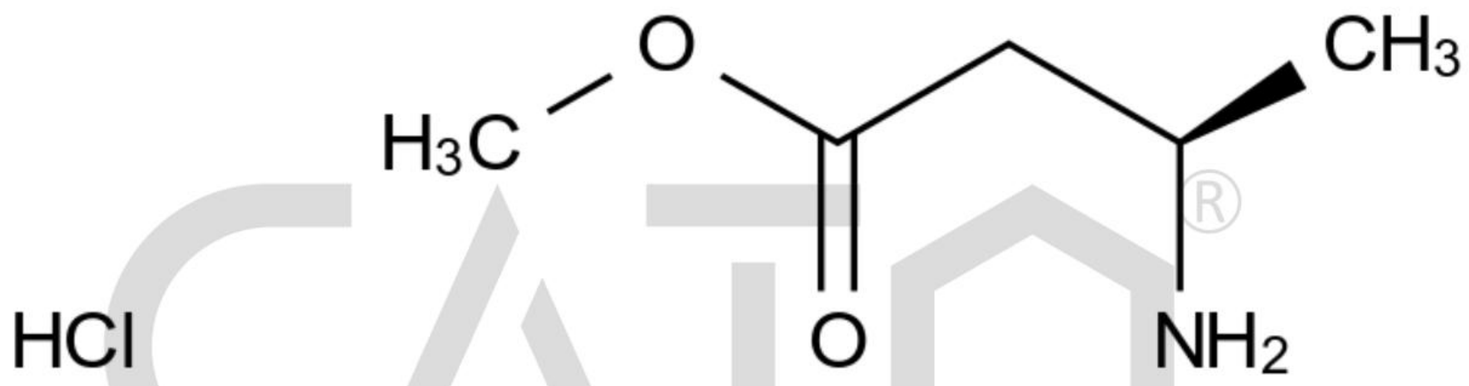
Certificate of Analysis

Reference Material & Standard

Product Name:	(R)-Methyl 3-Aminobutanoate Hydrochlorid	**Catalogue Number:**	C1272842
Synonyms:	N/A	**Lot Number:**	0903-RH-0100
CAS Number:	139243-54-2	**Expiry Date:**	Sep 09, 2030
Molecular Formula:	$C_5H_{11}NO_2$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	117.15 36.46	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	97.516%
Loss on Drying	TGA	9.0218%
Assay		88.7%

CATO Research Chemicals Inc.

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity ELSD (%) /100%*
Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Sep 10, 2026

Reviewed by: Koi Date: Sep 11, 2026

Approved by General Manager: David Date: Sep 11, 2026

CATO Research Chemicals Inc.