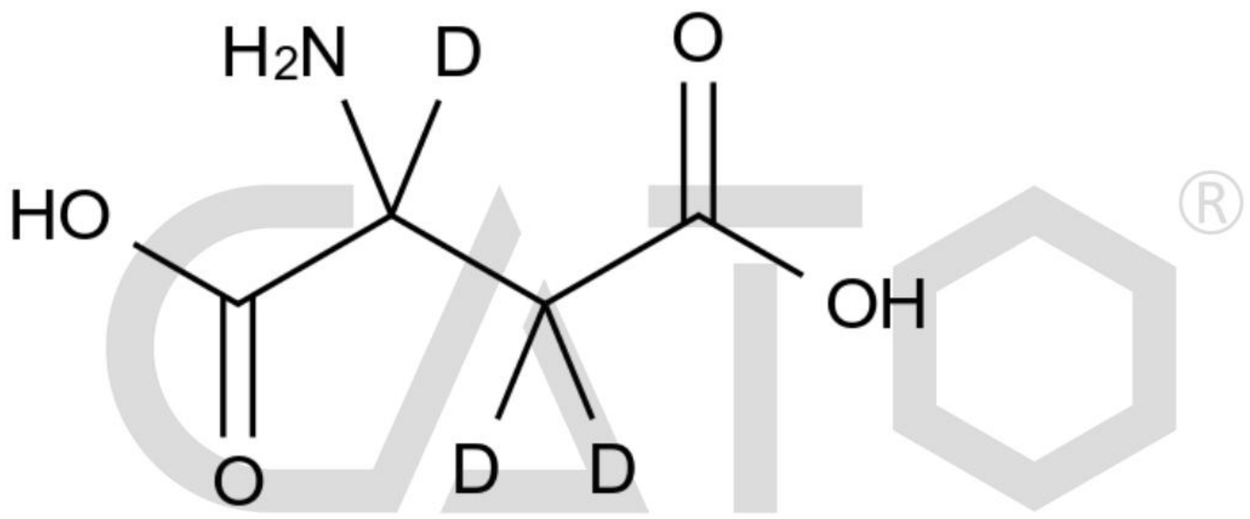
Certificate of Analysis

Reference Material & Standard

Product Name:	DL-Aspartic acid-d3	**Catalogue Number:**	C1299325
Synonyms:	N/A	**Lot Number:**	0904-RH-0006
CAS Number:	14341-75-4	**Expiry Date:**	Dec 07, 2029
Molecular Formula:	$C_4H_4D_3NO_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	136.12	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	HRMS&HNMR	Confirmed
Chemical Purity	HPLC	99.6%
Isotopic Purity		98.28%(D3: 94.84%; D2: 5.16%)
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Sep 07, 2026

Reviewed by: Hinlam Date: Sep 08, 2026

Approved by General Manager: David Date: Sep 08, 2026

CATO Research Chemicals Inc.