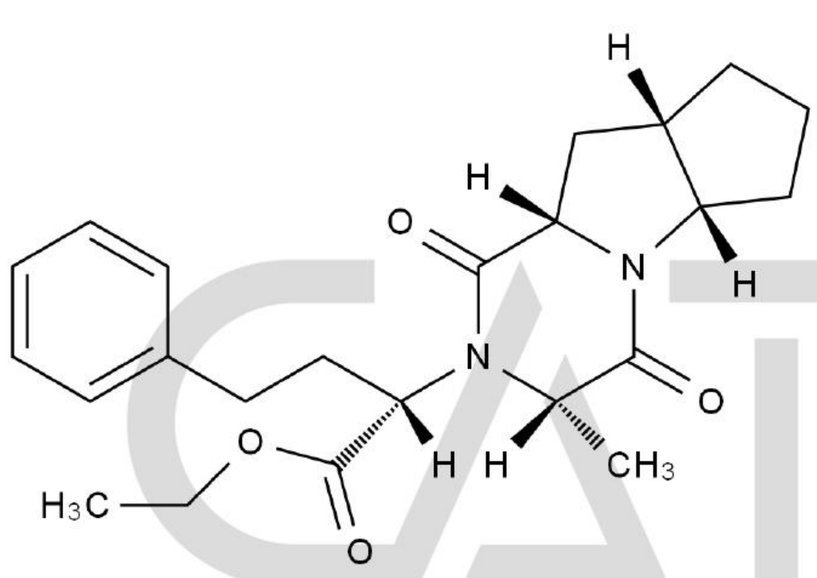
Certificate of Analysis

Reference Material & Standard

Product Name:	Ramipril EP Impurity D	**Catalogue Number:**	C4X-174413
Synonyms:	N/A	**Lot Number:**	0821-RF-0080
CAS Number:	108731-95-9	**Expiry Date:**	Nov 19, 2030
Molecular Formula:	$C_{23}H_{30}N_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	398.50	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5%
Assay	qNMR	97.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Nov 20, 2026

Reviewed by: Lisa Date: Nov 20, 2026

Approved by General Manager: David Date: Nov 20, 2026

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