

Certificate of Analysis

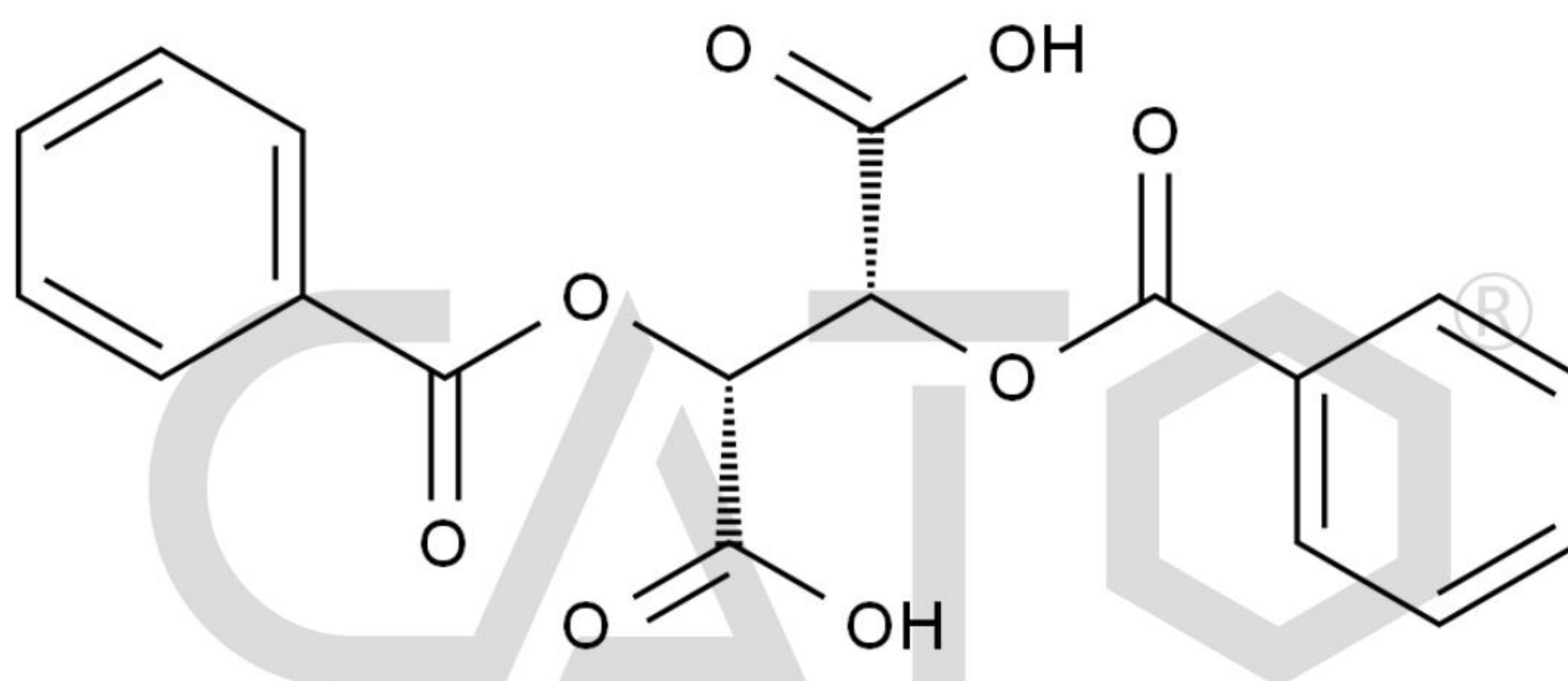
Reference Material & Standard

Product Name:	Ramipril EP Impurity M	Catalogue Number:	C4X-174416
Synonyms:	N/A	Lot Number:	0817-RH-0150
CAS Number:	2743-38-6	Expiry Date:	Aug 16, 2030
Molecular Formula:	C ₁₈ H ₁₄ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	358.30	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.298%
Residue on Ignition	TGA	0.6595%
Loss on Drying	TGA	4.4900%
Assay		94.2%

Comment:

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

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

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 17, 2026

Date: Aug 18, 2026

Date: Aug 18, 2026



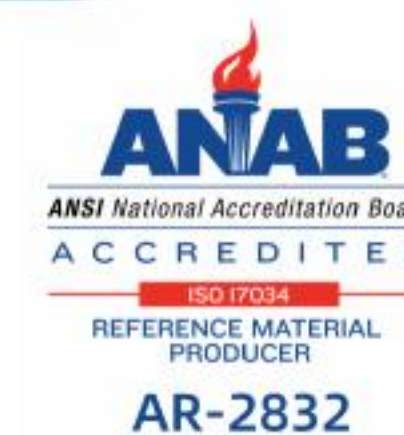
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

Page 1 of 8



Official WeChat