

Certificate of Analysis

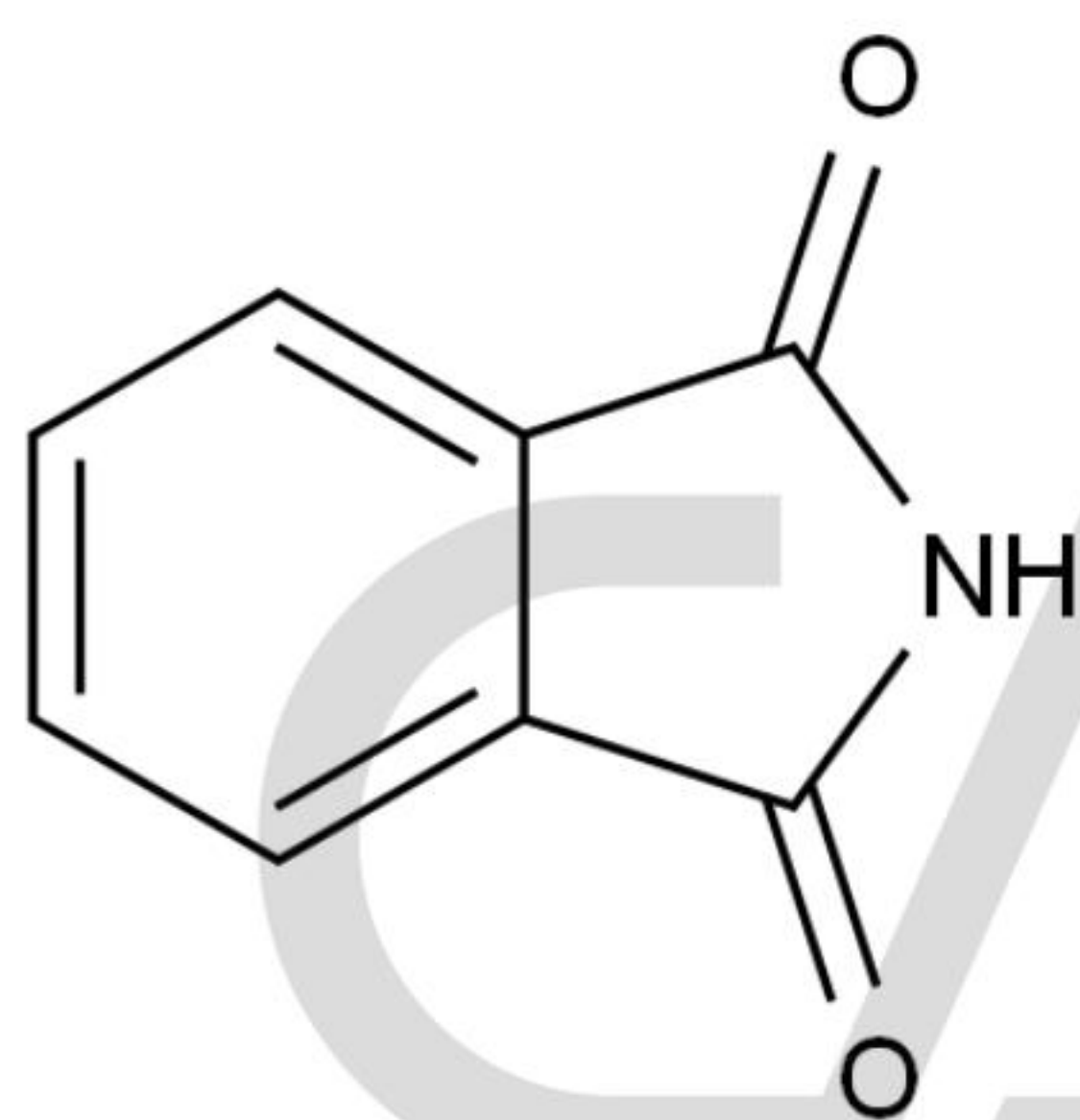
Reference Material & Standard

Product Name:	Rivaroxaban Impurity 139	Catalogue Number:	C4X-1090139
Synonyms:	Phthalimide	Lot Number:	0725-RE-0033
CAS Number:	85-41-6	Expiry Date:	Jun 22, 2030
Molecular Formula:	C ₈ H ₅ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	147.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.838%
Loss on Drying	TGA	0.0210%
Assay		99.8%

Comment:

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

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

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 24, 2026

Date: Jun 24, 2026

Date: Jun 24, 2026



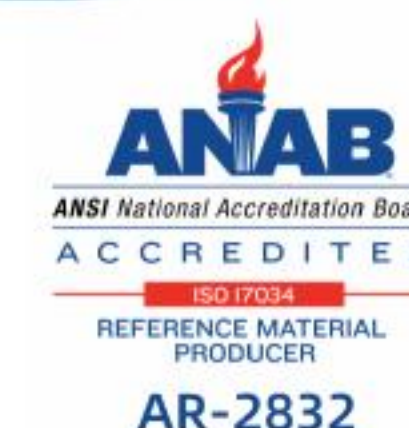
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 7



Official
WeChat