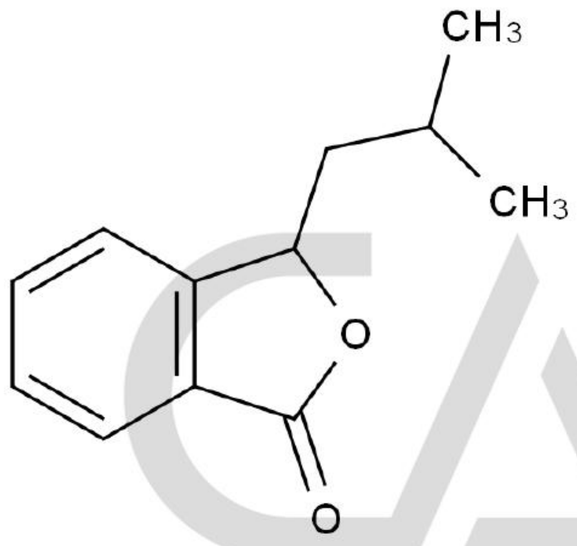
Certificate of Analysis

Reference Material & Standard

Product Name:	Butylphthalide Impurity 23	**Catalogue Number:**	C4X-181323
Synonyms:	N/A	**Lot Number:**	0917-RH-0065
CAS Number:	199736-94-2	**Expiry Date:**	Sep 16, 2030
Molecular Formula:	$C_{12}H_{14}O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	190.24	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	95.6%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Sep 22, 2026

Reviewed by: Lisa Date: Sep 22, 2026

Approved by General Manager: David Date: Sep 22, 2026

CATO Research Chemicals Inc.