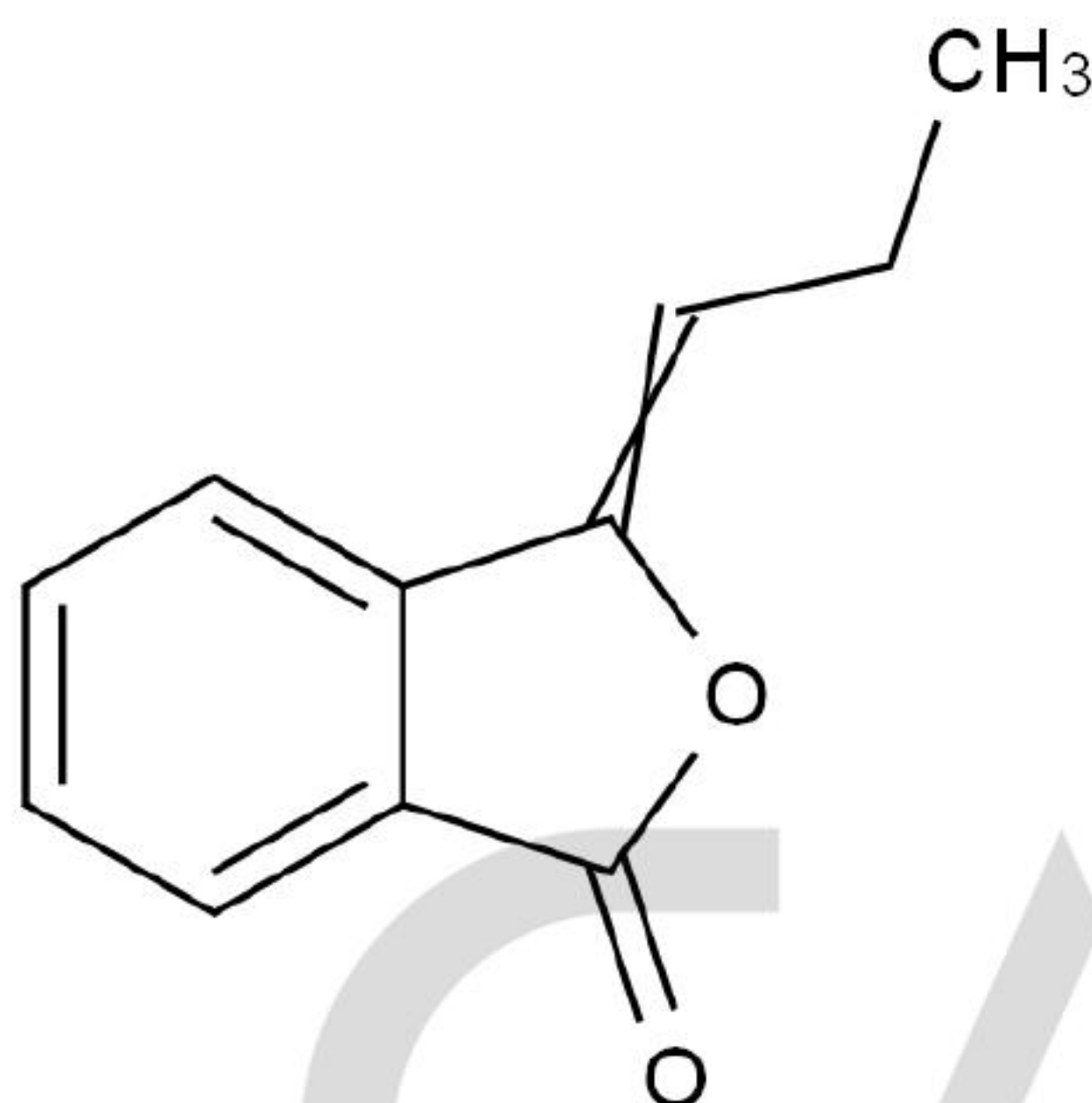


Certificate of Analysis

Reference Material

Product Name:	Butylphthalide Impurity 19	Catalogue Number:	C4X-181319
Chemical Name:	N/A	Lot Number:	0528-RC-0004
CAS Number:	17369-59-4	Expiry Date:	Aug 07, 2026
Molecular Formula:	C ₁₁ H ₁₀ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	174.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.6363%
Loss On Drying	TGA	0.5283%
Assay		96.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Aug 08, 2023

Date: Aug 09, 2023

Date: Aug 09, 2023

