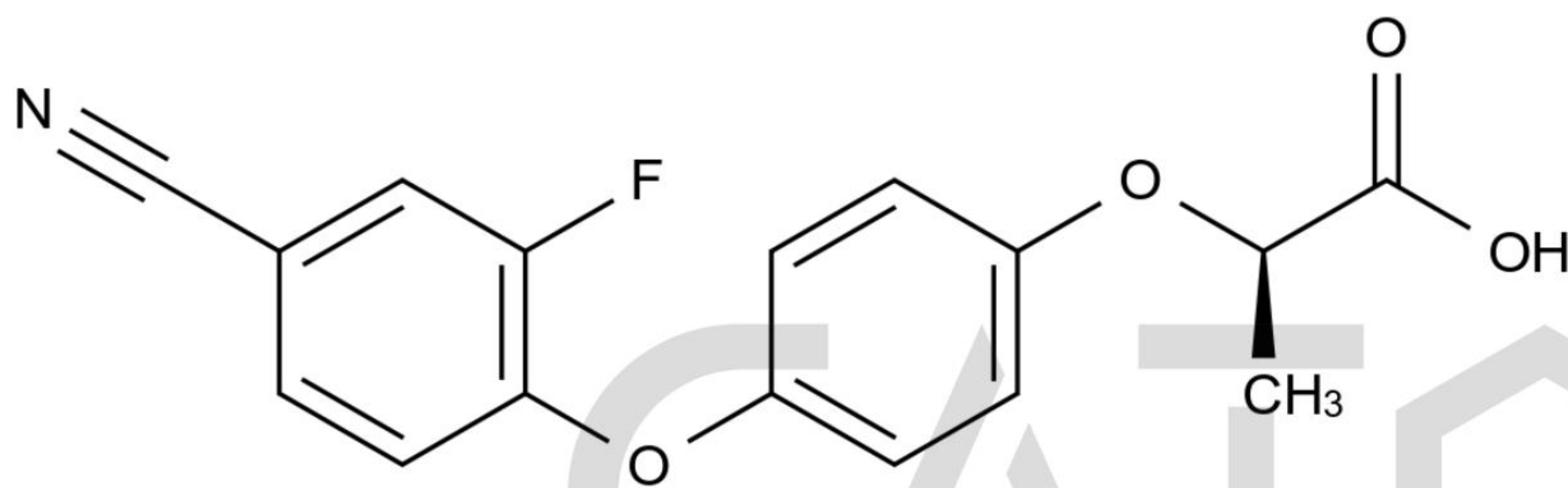


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyhalofop	Catalogue Number:	CCPD101854
Synonyms:	N/A	Lot Number:	0523-RE-0019
CAS Number:	122008-78-0	Expiry Date:	Jan 11, 2025
Molecular Formula:	C ₁₆ H ₁₂ FNO ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	301.27		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Crystalline Solid
Purity	UPLC	97.36%
Water Content	Karl Fischer	0.10%
Assay		97.3%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity UPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, UPLC purity is considered as relative effect.
3. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: 古雪

Reviewed by:

Xenia

Aproved by General Manager:

David

Date: Jan 12, 2021

Date: May 29, 2023

Date: May 29, 2023

