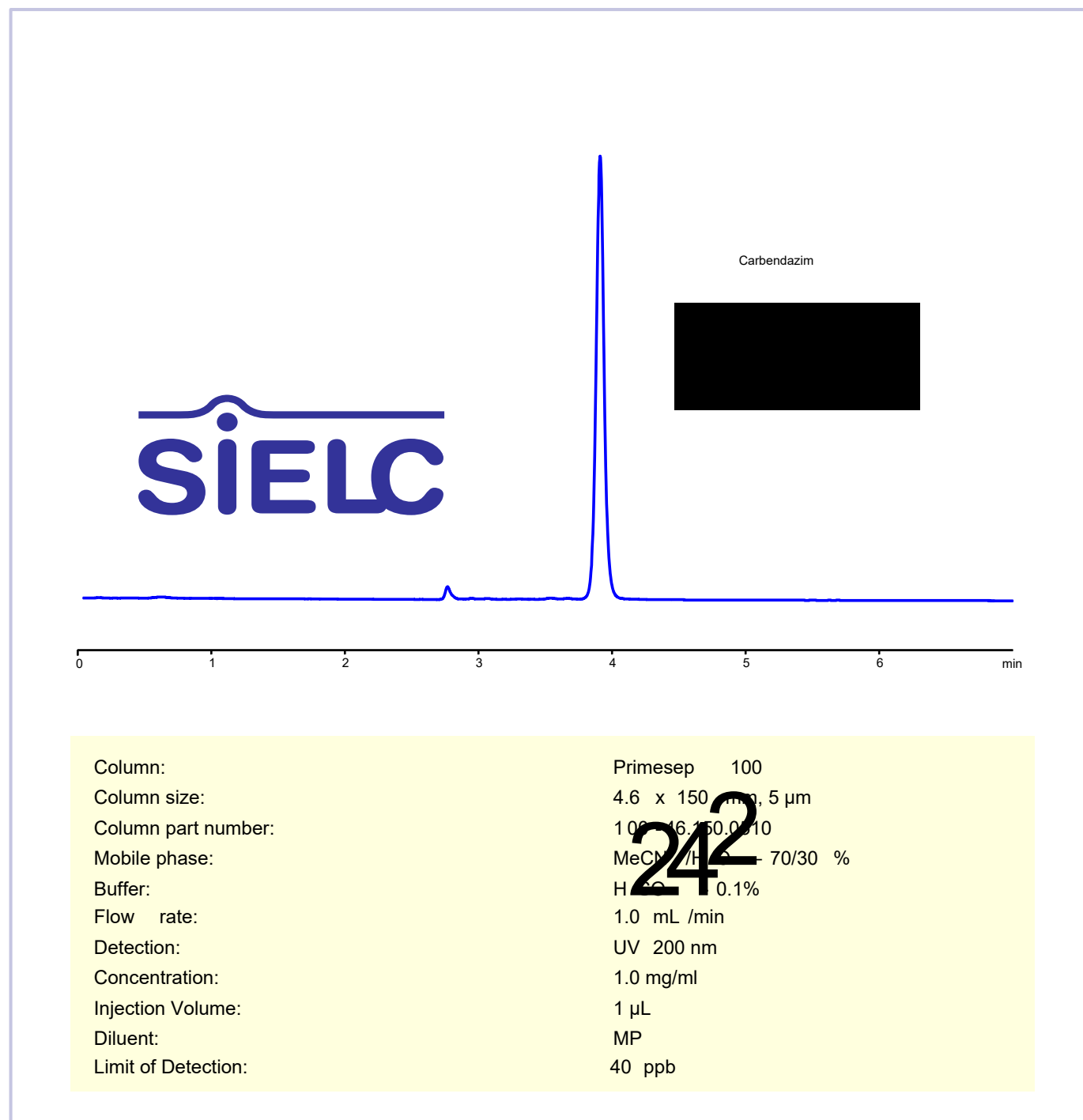


HPLC Method for Analysis of Carbendazim on Primesep 100 Column

<https://sielc.com/hplc-method-carbendazim>

Chromatogram



Description

· Separation type: Liquid Chromatography Mixed-mode SIELC Technologies · HPLC Method for Analysis of Carbendazim on Primesep 100 Column · Carbendazim is a fungicide widely used to control a variety of fungal diseases in crops.

arbendazim acts by inhibiting the development of fungi. It disrupts microtubule formation during mitosis, which prevents cell division and growth of the fungi.

Uses Agricultural Applications:

Used on a variety of crops including fruits, vegetables, and cereals. Controls a wide range of fungi, including those causing powdery mildew, leaf spots, and root rot. Post-Harvest Treatment:

Used to treat fruits and vegetables after harvest to prevent spoilage during storage and transport. Seed Treatment:

Method Parameters

Mobile Phase	MeCN – 70%
Buffer	H2SO4 -0.1%
Flow Rate	1.0 ml/min
Detection	UV 200 nm
Samples	1.0 mg/ml in MP
Injection volume	1 µl
LOD*	40 ppb (200 nm)
Class of Compounds	Benzimidazoles
Analyzing Compounds	Carbendazim

HPLC Column Used

Primesep 100, 4.6 x 150 mm, 5 µm, 100 A, dual ended

[Order this column at hplc-shop.de →](http://hplc-shop.de)