

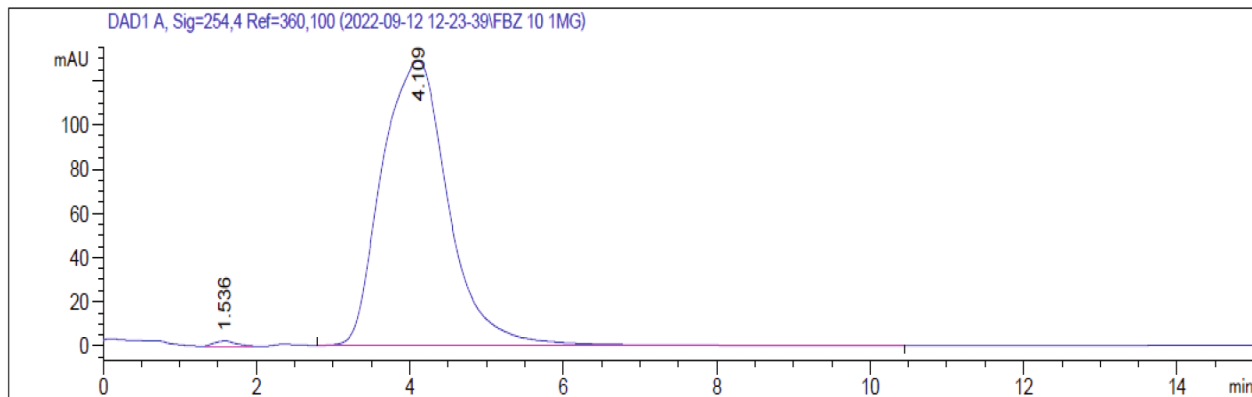
Analysis Report

14.09.2022

Product Name: **Fenbendazole**
 Chemical formula: $C_{15}H_{13}N_3O_2S$
 Formula weight: 299.349
 CAS No.: 43210-67-9

 Producer: Canchema UAB
 Lot No: F22-09/2
 Best use before: 10.2024
 Storage: In cool, dry place. Avoid sunlight

TEST	SPECIFICATION	RESULT	ANALYSIS METHOD
Fenbendazole ($C_{15}H_{13}N_3O_2S$)	>99%	99.867%	HPLC analysis



Signal 1: DAD1 A, Sig=254,4 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	1.536	BB	0.1012	10.32903	2.23182	0.1330
2	4.109	BB	0.9668	7755.86035	128.75430	99.8670

Totals: 7766.18938 130.98612

The HPLC analysis was performed using the Agilent 1260 Infinity (Agilent Technologies, Waldbronn, Germany) HPLC system. 1 mg of sample was weighted, mixed with 1 mL of acetonitrile, 0.1 mL of glacial acetic acid was weighted, acetonitrile was added for the suspension to reach 1.5 mL.

Chromatographic separation was performed on a reverse-phase column ZORBAX Eclipse XDB (C18, 5 μ m particle size, 150x4.6 mm) with column temperature set at 25 °C. The elution/isocratic mode was set to be 50% H₂O with 0.01% TFA (trifluoroacetic acid), 50% acetonitrile with 0.01% TFA, flow rate – 1mL/min, analysis time – 25 min. The UV detection wavelength was at 254.4 nm. The flow rate was set at 1.0 mL/min and the injection volume was 1 μ L.

Canchema UAB warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this analysis report. The current specification sheet is available at FenbenLab.com. If you have any questions regarding quality analysis, please contact via e-mail.