

# Certificate of Analysis

02.05.2022

Product Name: **Fenbendazole**  
Chemical formula: **C<sub>15</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S**  
Formula weight: **299.349**  
Cas-No.: **43210-67-9**

Producer: **Canchema UAB**  
Lot No: **F22-04/1**  
Best use before: **05.2024**  
Storage: **In cool, dry place. Avoid sunlight**

TEST	SPECIFICATION	RESULT	ANALYSIS METHOD
Fenbendazole	>99%	99.547%	HPLC analysis
C <sub>15</sub> H <sub>13</sub> N <sub>3</sub> O <sub>2</sub> S			



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

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.136	VV	0.3273	37.03778	1.43436	0.4530
2	2.559	VB	0.1239	8139.68750	969.62677	99.5470

Totals : 8176.72528 971.06113

The HPLC analysis was performed using the Agilent 1260 Infinity (Agilent Technologies, Waldbronn, Germany) HPLC system. 5 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 µm particle size, 150×4.6 mm) with column temperature set at 25 °C. The elution/isocratic mode was set to be 50% H<sub>2</sub>O 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 nm. The flow rate was set at 1.0 mL/min and the injection volume was 1 µL.

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 may be available at [FenbenLab.com](http://FenbenLab.com).

If you have any questions regarding quality analysis please contact via e-mail.