



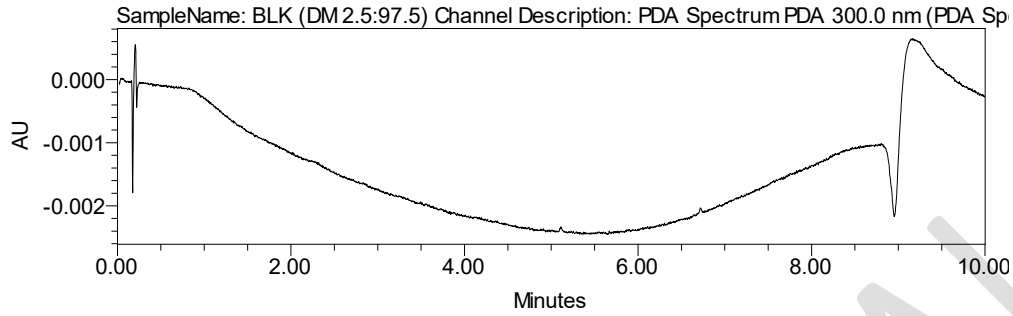
410 Sackett Point Road, Bldg 15, North Haven, CT 06473 ♦Phone:203-287-5674 ♦Fax:203-287-5497 ♦www.spectrixservices.com

<b>Title: Identity and Purity by UPLC-MS</b>								
<b>Date: 20APR2026</b>	<b>Analyst: L.Z./Jianming Tao</b>							
<b>Submitter: Harmova.health</b>								
<b>Contact Information:</b> Tel: 1-250-444-9155 Email: sales@harmova.health								
<b>Sample Identification:</b> 1 yellowish powder sample was received on 20APR2026								
<b>Report Prepared By: L.Z./Jianming Tao</b>		<b>Report Reviewed By: Jianming Tao</b>						
<b>Report Summary:</b>								
<table border="1"> <thead> <tr> <th>Sample ID:</th> <th>Identity Confirmation: sample contains mebendazole (CAS# 31431-39-7)</th> <th>HPLC Purity @ 300 nm %</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">WH SPLmP</td> <td style="text-align: center;">Yes</td> <td style="text-align: center;">99.7</td> </tr> </tbody> </table>	Sample ID:	Identity Confirmation: sample contains mebendazole (CAS# 31431-39-7)	HPLC Purity @ 300 nm %	WH SPLmP	Yes	99.7	Average of duplicates	
Sample ID:	Identity Confirmation: sample contains mebendazole (CAS# 31431-39-7)	HPLC Purity @ 300 nm %						
WH SPLmP	Yes	99.7						
<b>Experimental Details:</b>								
<u>Method details</u>								
Column:	ACQUITY UPLC® BEH C18 1.7µm 2.1 x 50mm; (at 35°C)							
Mobile phase A:	0.1% formic acid in water							
Mobile phase B:	Acetonitrile							
Flow:	0.8mL/min							
Injection volume:	1.5µL							
<u>Gradient</u>								
Hold 95% B	0 – 0.25min							
5 - 95% B	0.25 – 7.75min							
Hold 95% B	7.75 – 8.25min							
95 – 5% B	8.25 – 8.35min							
Hold 5% B	8.35 – 10min							
<u>UV detection</u>								
Mebendazole:	300nm							
<u>Mass Spectrometry (ESI +) on Waters QDa Detector:</u>								
M + H = 296 Da								
<b>Spectrix Analytical Services: 2026 REPORTS/</b> Spectrix_WendyHeinrich_HarmovaHealth_mebendazole_powder_purity_20APR2026								

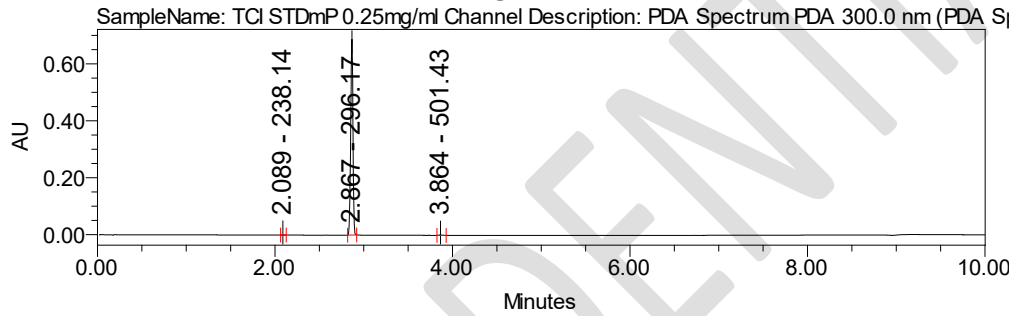
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# Representative Chromatograms:

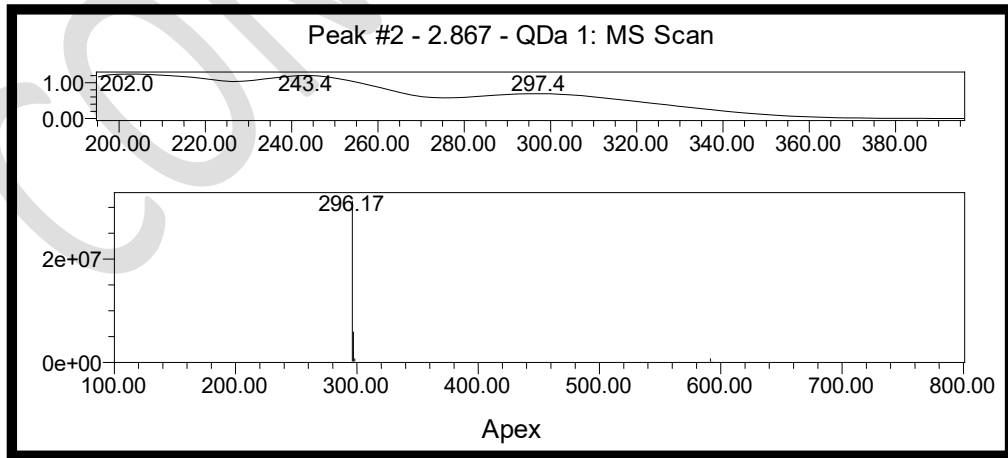
## Blank (DMSO/MeOH 2.5:97.5)



## Standard TCI mebendazole 0.250mg/ml in DMSO:MeOH 2.5:97.5 (free soluble)

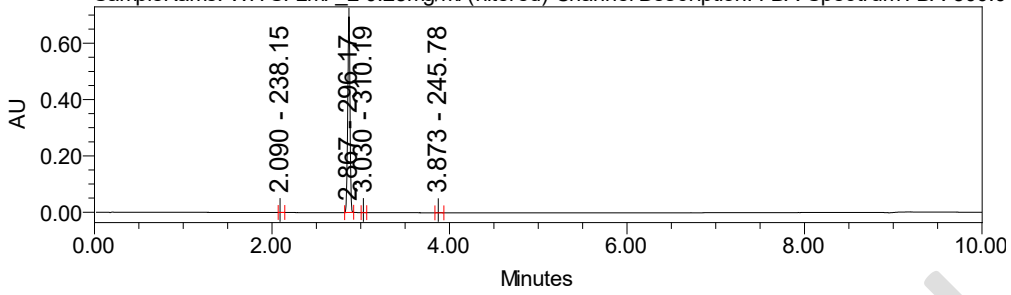


	Retention Time	Area	% Area	Base Peak
1	2.089	966	0.08	238.14
2	2.867	1228181	99.73	296.17
3	3.864	2391	0.19	501.43



**WH SPLmP, 0.250 mg/mL in DMSO:Methanol 2.5:97.5 (hazy solution, filtered)**

SampleName: WH SPLmP 2 0.25mg/ml (filtered) Channel Description: PDA Spectrum PDA 300.0



	Retention Time	Area	% Area	Base Peak
1	2.09	851	0.07	238.15
2	2.867	1248072	99.73	296.17
3	3.03	1125	0.09	310.19
4	3.873	1362	0.11	245.78

