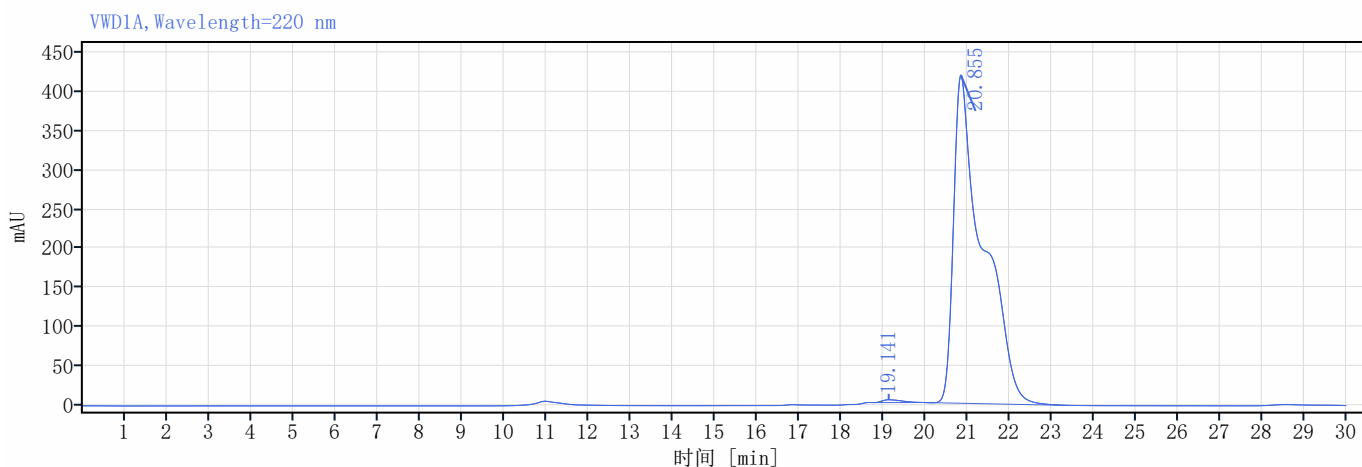


数据文件:	2026-06-11 19-36-46+08-00-01. dx	项目名称:	checkout
序列名称:	20260611-3	操作者:	SYSTEM (SYSTEM)
样品名称:	CU50	进样日期:	2026-06-11 19:37:32+08:00
仪器:	1260 HPLC	位置:	P1-B1
进样体积:	10.000 µL	类型:	样品
采集方法:	分子量. amx	样品含量:	0.00
处理方法:	GC_LC 面积百分比_DefaultMethod. pmx		



信号: VWD1A, Wavelength=220 nm

保留时间 [min]	类型	峰宽 [min]	峰面积	峰高	峰面积%	名称
19.141	MM m	1.18	113.73	3.56	0.56	
20.855	MB m	3.45	20285.19	418.29	99.44	
总和			20398.91			

HPLC Purity Analysis Report

English Explanation & Result Summary

Synthera Bio Labs - CU50

1. Test Information

Sample Name: CU50

Analytical Instrument: Agilent 1260 HPLC

Detector: VWD1A, Wavelength: 220 nm

Injection Volume: 10.000 µL

Analysis Method: Molecular Weight Analysis Method

Report Type: Single Injection Report

2. HPLC Result Summary

Peak No.	Retention Time (min)	Peak Area	Area Percentage (%)
1	19.141	113.73	0.56%
2	20.855	20285.19	99.44%

Total Peak Area: 20398.91

3. Scientific Explanation

High Performance Liquid Chromatography (HPLC) is an analytical technique used to separate and detect components within a sample. Each detected component produces a chromatographic peak at a specific retention time.

The Area Percentage (%) represents the proportion of each detected chromatographic peak area compared with the total integrated peak area.

In this analysis, the major detected peak appears at a retention time of 20.855 minutes and represents 99.44% of the total integrated peak area. A secondary peak appears at 19.141 minutes and represents 0.56% of the total integrated peak area.

4. Interpretation of Result

The chromatogram shows one dominant chromatographic peak under the stated HPLC analytical conditions. Additional detected peaks represent other chromatographic signals observed during the analysis.

The HPLC area percentage result provides information regarding chromatographic purity. This result does not independently determine product quantity, biological activity, sterility, endotoxin level, or identity confirmation by other analytical techniques.

Identification of the compound is based on the sample designation provided for analysis. HPLC retention time alone does not constitute structural confirmation.

5. Original Report Reference

Original report details: Sample tested using Agilent 1260 HPLC. Injection date: 2026-06-11 19:37:32 +08:00.