

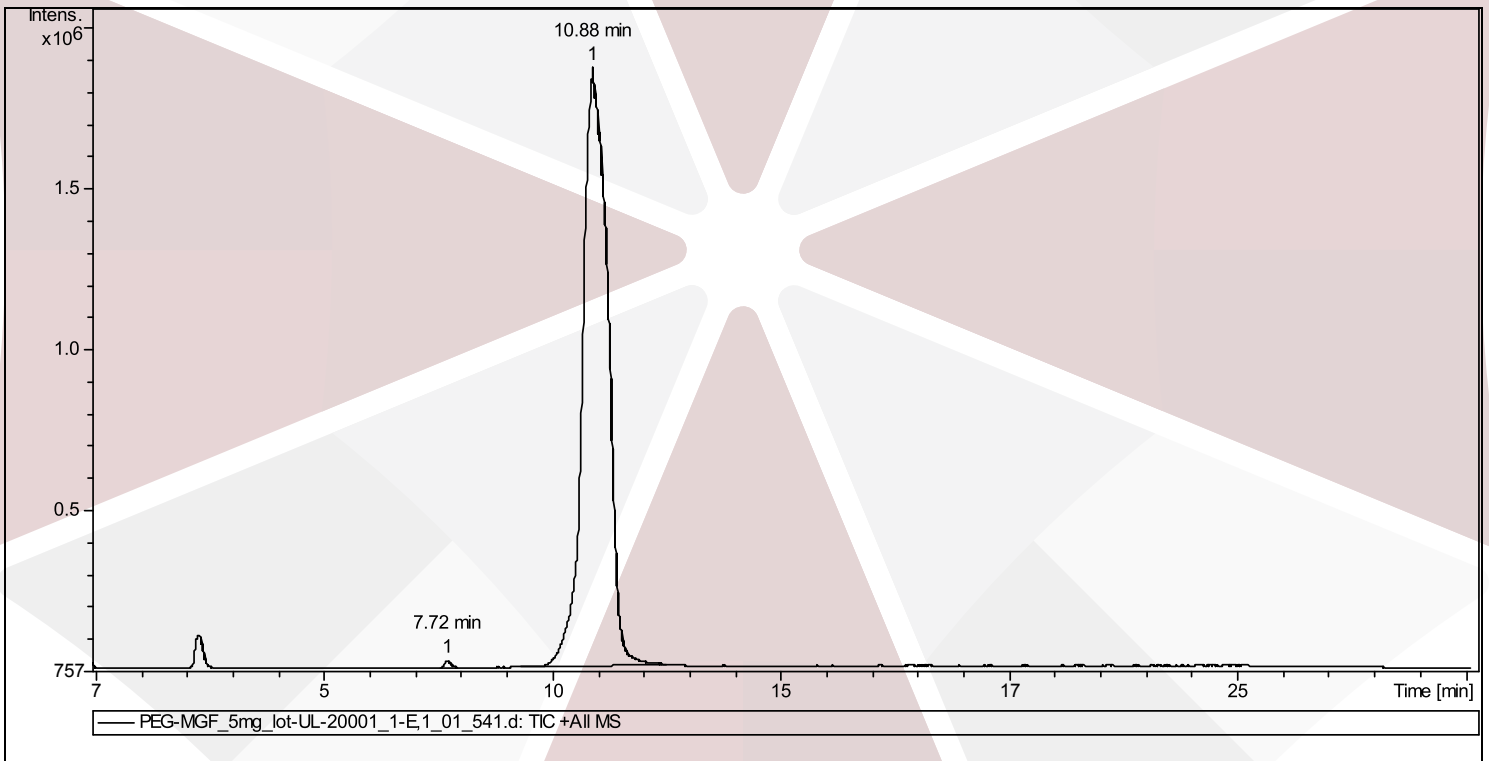
Certificate of Analysis

PEG-MGF 5 mg

pegylated Insulin-like growth factor fragment (IGF-1Ec)

Compound : PEG-MGF 5 mg
Lot number : UL-20001
Analysis date : 2022-03-28
Purity % : 99.7%
Method : Mass Spectrometry & UV

Client : UMBRELLA.us
 3280 E Hemisphere Loop
 Tucson, Arizona 85706



PEAK LIST	Number of detected peaks: 2			
Time (min)	Area	%Area		
7.72	1.86E+05	0.3	MGF	
10.88	7.06E+07	99.7	PEG-MGF	

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
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Purity confirmed using UV detection
 Peak at 8.35 minutes confirmed to be MGF without PEG
 Molecular weight corresponds to MGF + PEG300 (mw 200-400)
 Measured mass : 3081.62 g average



2022-04-04