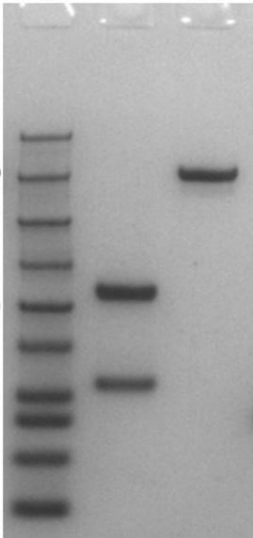


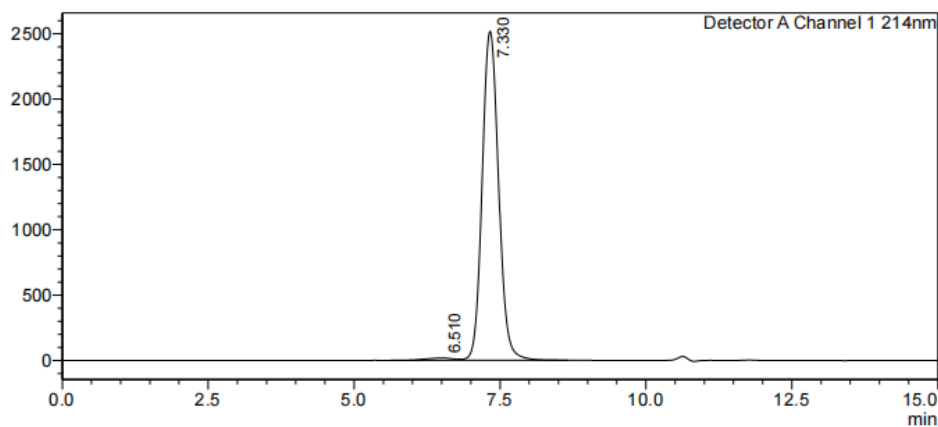
CERTIFICATE OF ANALYSIS			
Name	Cetuximab Biosimilar - Research Grade		
Project ID	ICH4004	Host	CHO
Label Type	Human IgG1(E356D/M358L)-Kappa	Lot No.	20230801ZH02
MW	The predicted MW is 49/23 kDa	Concentration	6.38mg/ml
Extinction Coefficient	1.504		
QC Results			
Test Items	Specifications	Results	
Purity	SDS-PAGE under reducing conditions.	>95%	
	SEC-HPLC test.	>95%	
Endotoxin	LAL test.	<1EU/mg	
Storage	Buffer: 1x PBS, pH 7.4, sterile filtered, no preservatives.		
	Shelf-Life and Storage suggestion: 1.All products need to be stored at the original stock concentration at 4°C.Avoid freeze / thaw cycle. 2.All antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended.		
SDS-PAGE			
M R N-R  ICH4004 on SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%. Lane M: Marker Lane R:ICH4004 Reducing Lane N-R:ICH4004 Non-Reducing			

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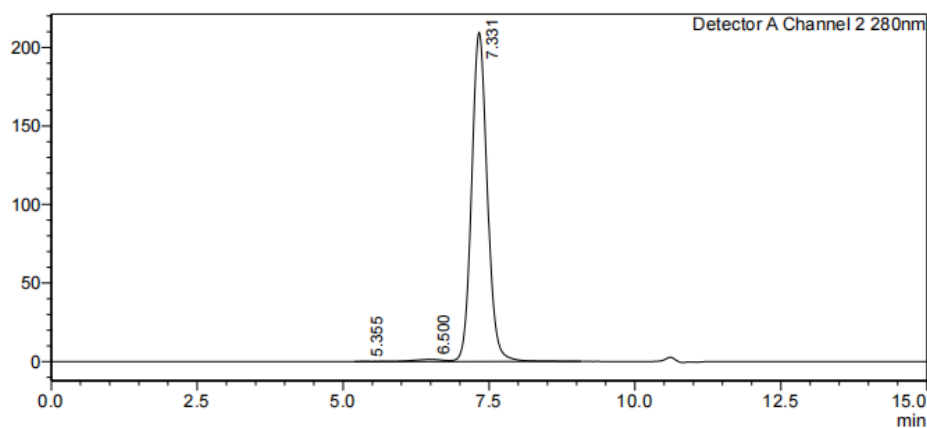
SEC-HPLC

<Chromatogram>

mV



mV



<Peak Table>

Detector A Channel 1 214nm

Peak#	Ret. Time	Area	Height	Conc.
1	6.510	609542	18182	1.221
2	7.330	49327108	2515438	98.779
Total		49936650	2533621	

Detector A Channel 2 280nm

Peak#	Ret. Time	Area	Height	Conc.
1	5.355	1868	136	0.047
2	6.500	50731	1405	1.280
3	7.331	3909994	209416	98.673
Total		3962593	210956	

The purity of ICH4004 is more than 95% verified by SEC-HPLC.

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