

6th Training School

Riga, Latvia



Latvian Institute of
Organic Synthesis

GROUP 4

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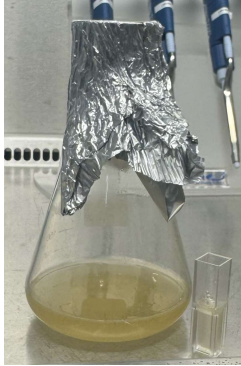
TRANSFORMATION



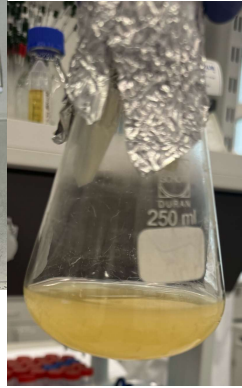
Protein ID: FPOX_X02C

PDB code: 5T1E

SMALL & LARGE SCALE CULTURES



t = 3.5 h
OD = 2.42



t = 24 h
OD = 6.2



T = 1.5h
OD = 0.43



m = 2.66 g

SONICATION & NICKEL AFFINITY CHROMATOGRAPHY

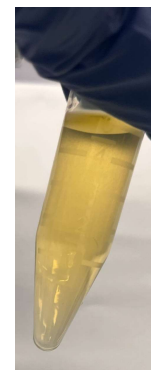
1



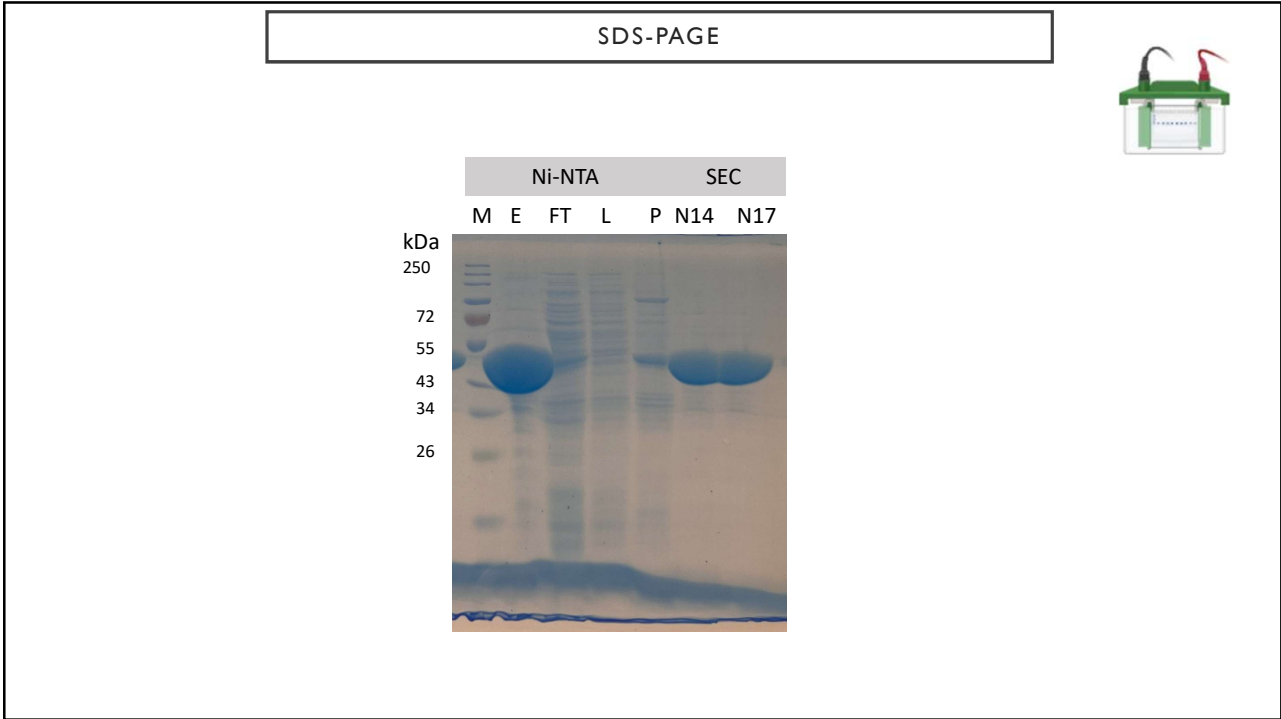
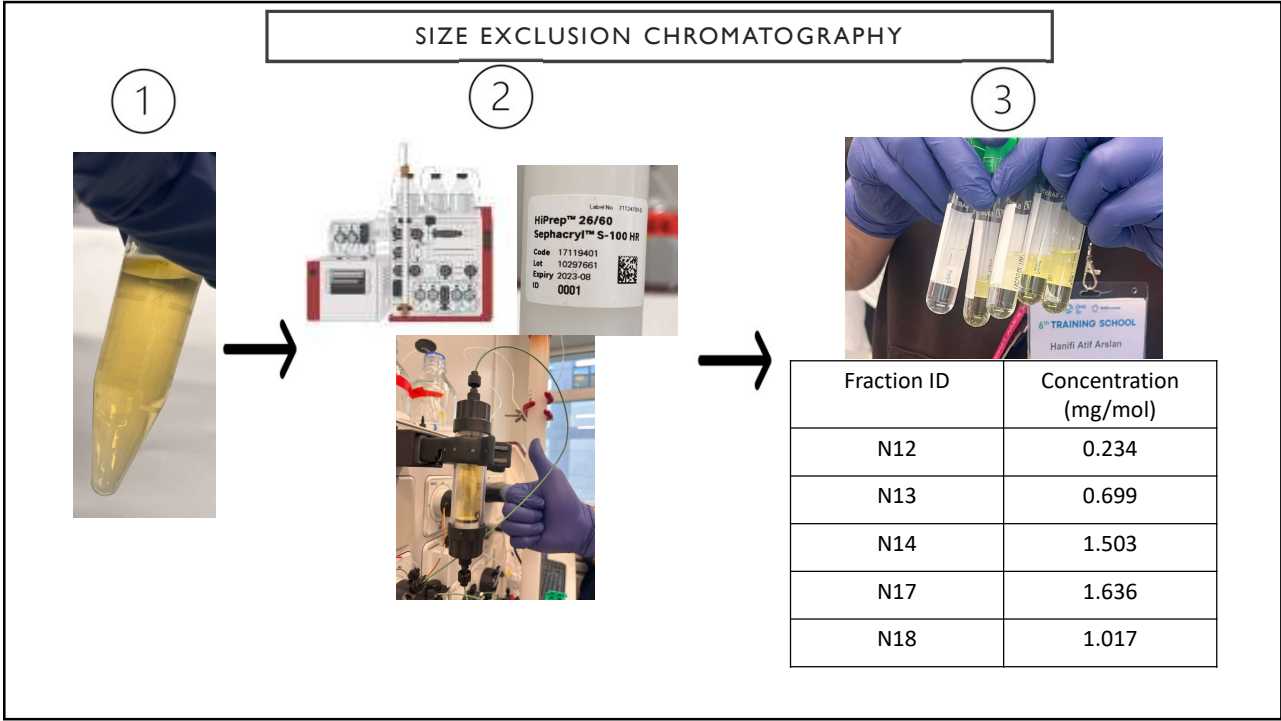
2



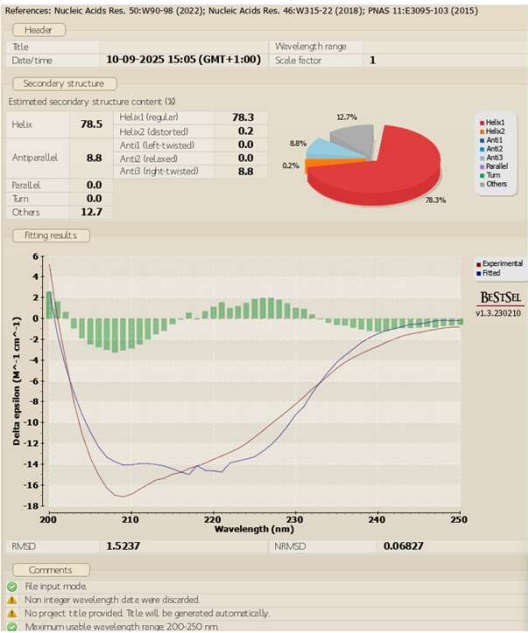
3



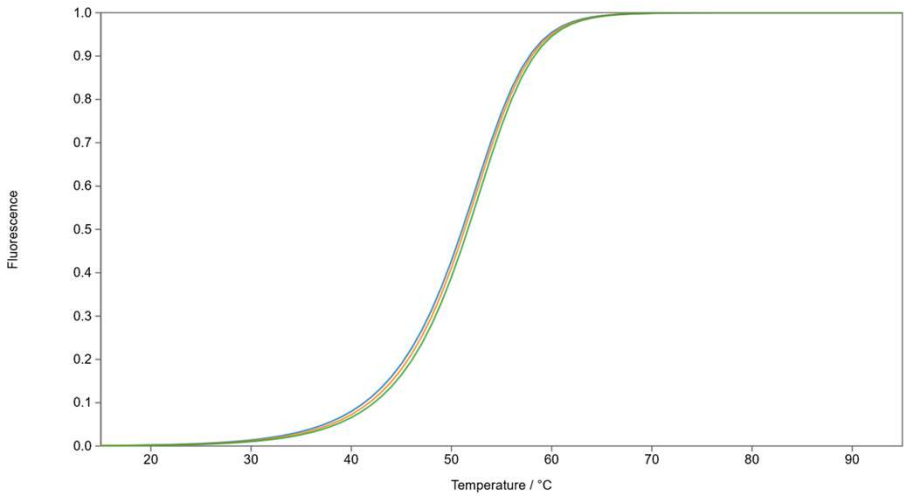
Fraction
containing the
target protein



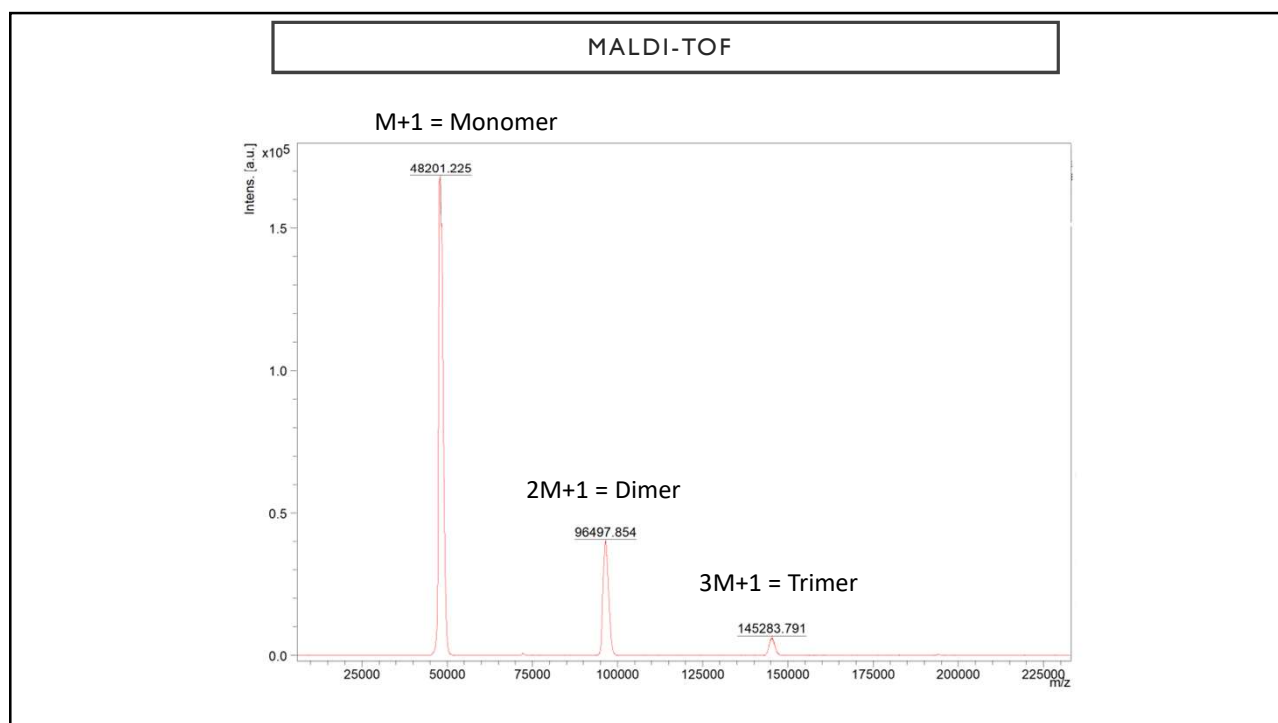
CIRCULAR DICHROISM (CD)



DIFFERENTIAL SCANNING FLUORIMETRY (DSF)



Well	T _m
D01	51.1
D02	51.3
D03	51.6



THANK YOU
FOR YOUR
TIME!