

1. Flow rate for the Side port 1 = $0.05 \mu\text{L/s}$; Side port 2 = $0.15 \mu\text{L/s}$

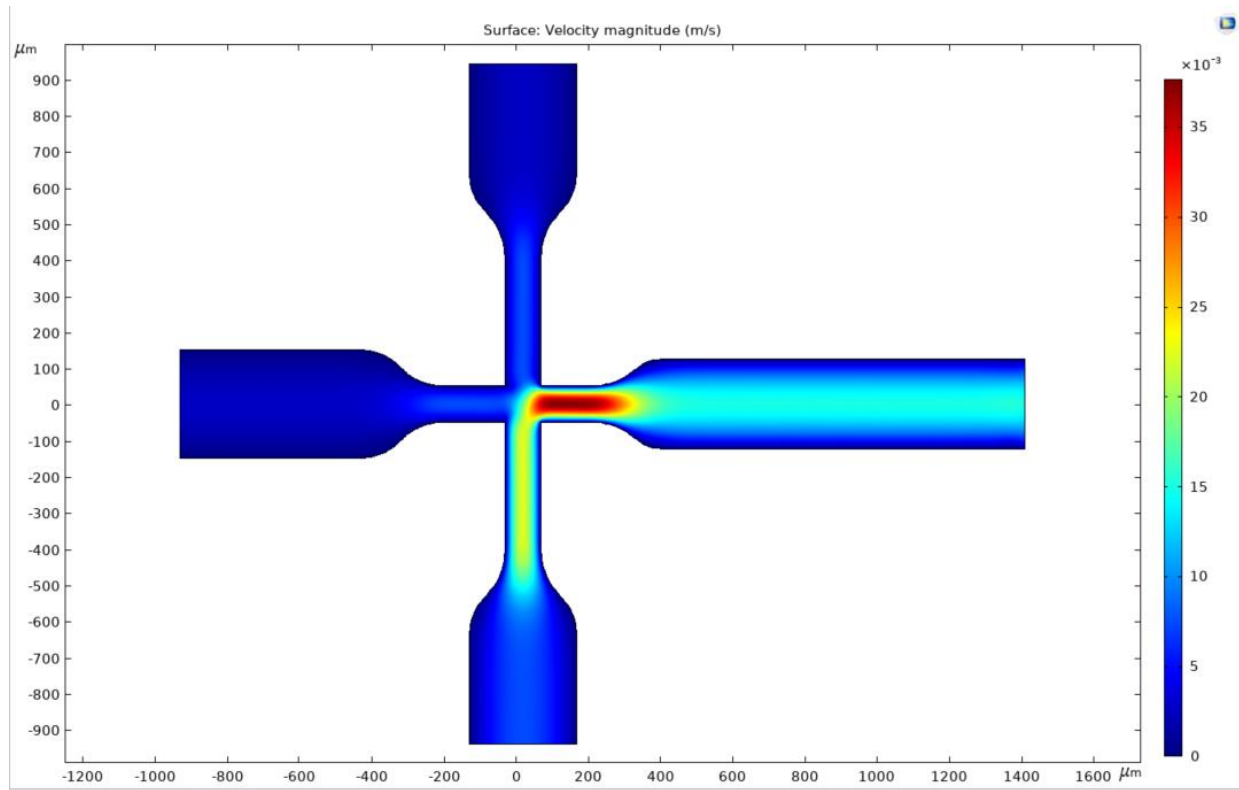


Fig-1: Velocity

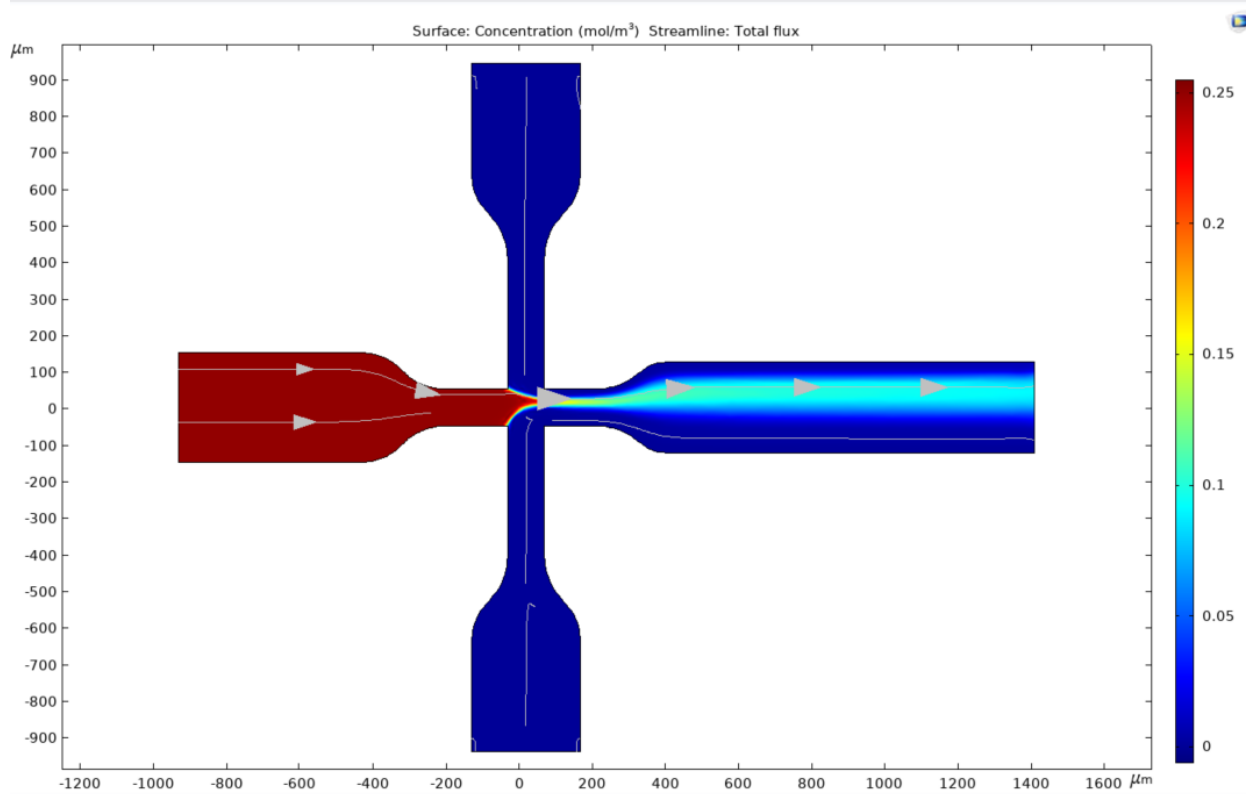


Fig-2: Concentration

2. Flow rate for the Side port 1 = $0.10 \mu\text{L/s}$; Side port 2 = $0.10 \mu\text{L/s}$

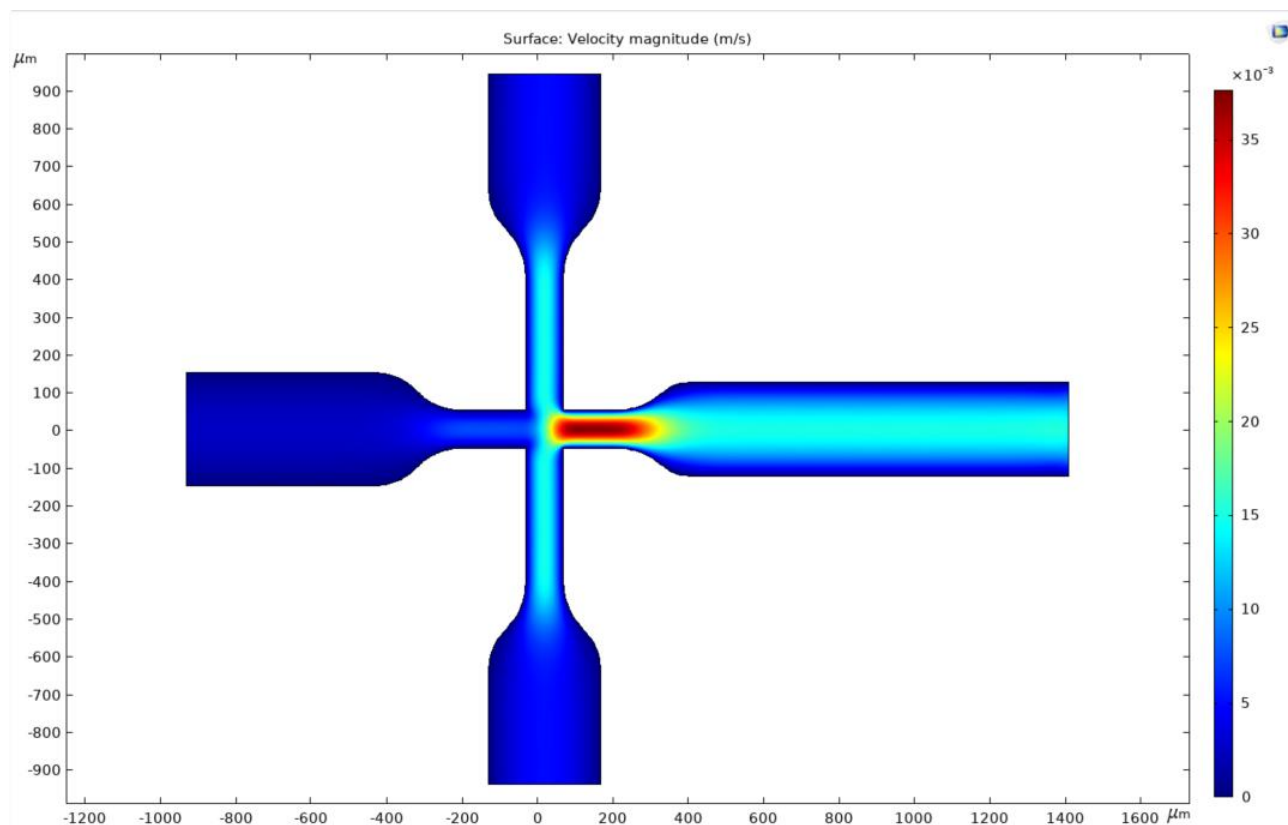


Fig-3: Velocity

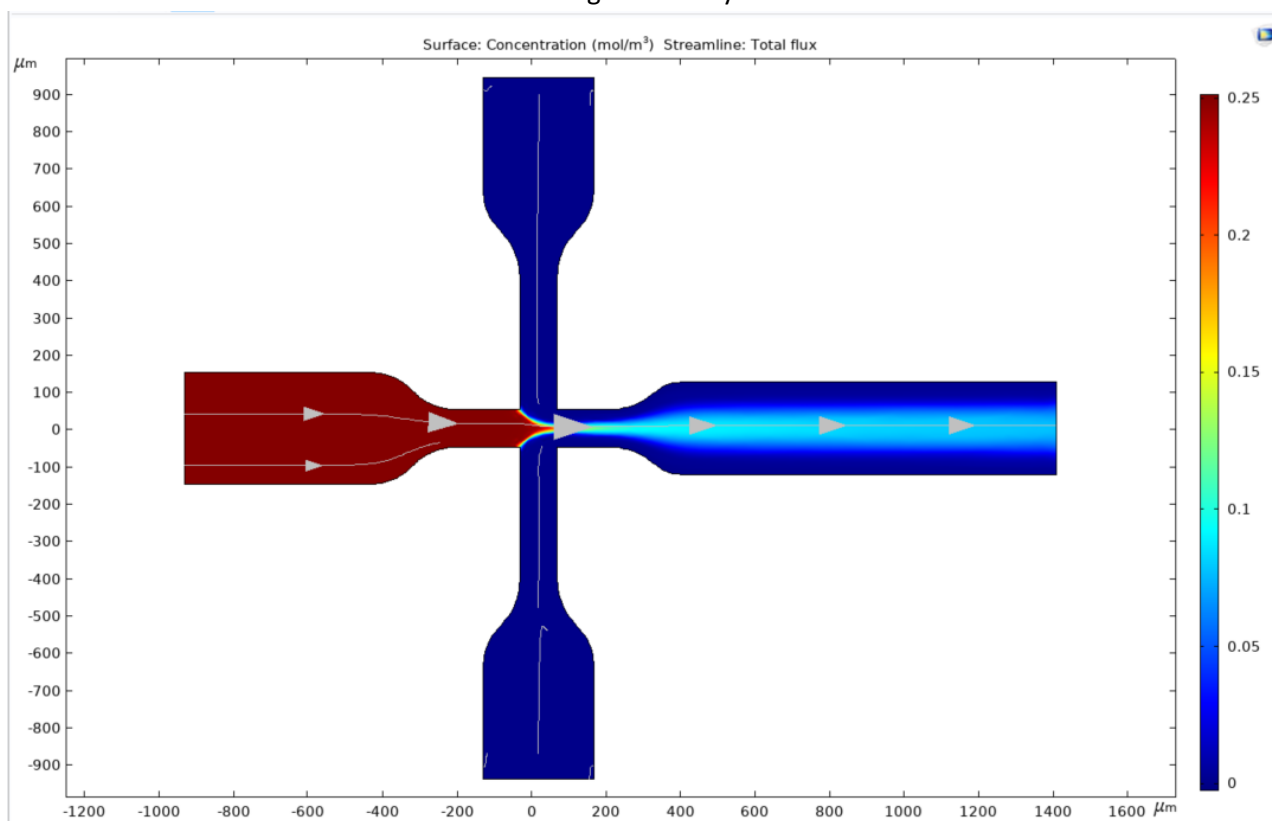


Fig-4: Concentration

3. Flow rate for the Side port 1 = $0.15 \mu\text{L/s}$; Side port 2 = $0.5 \mu\text{L/s}$

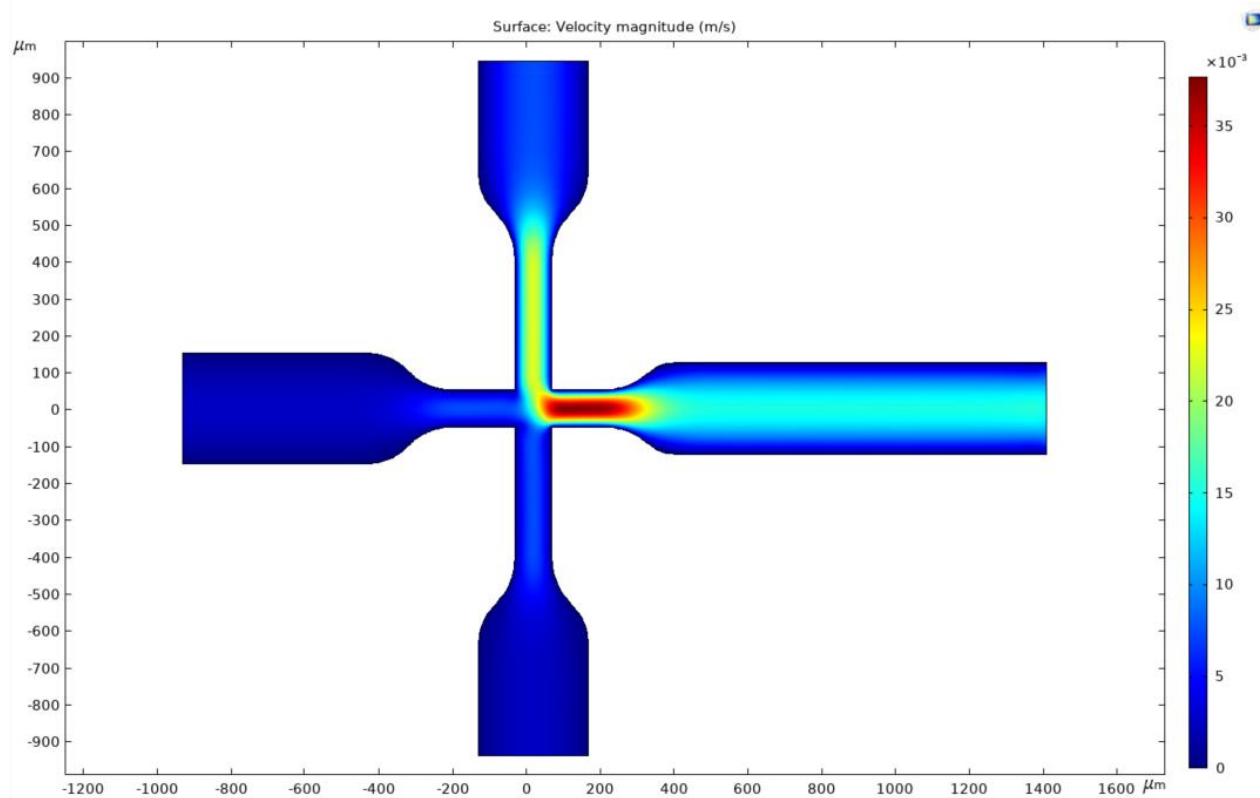


Fig-4: Velocity

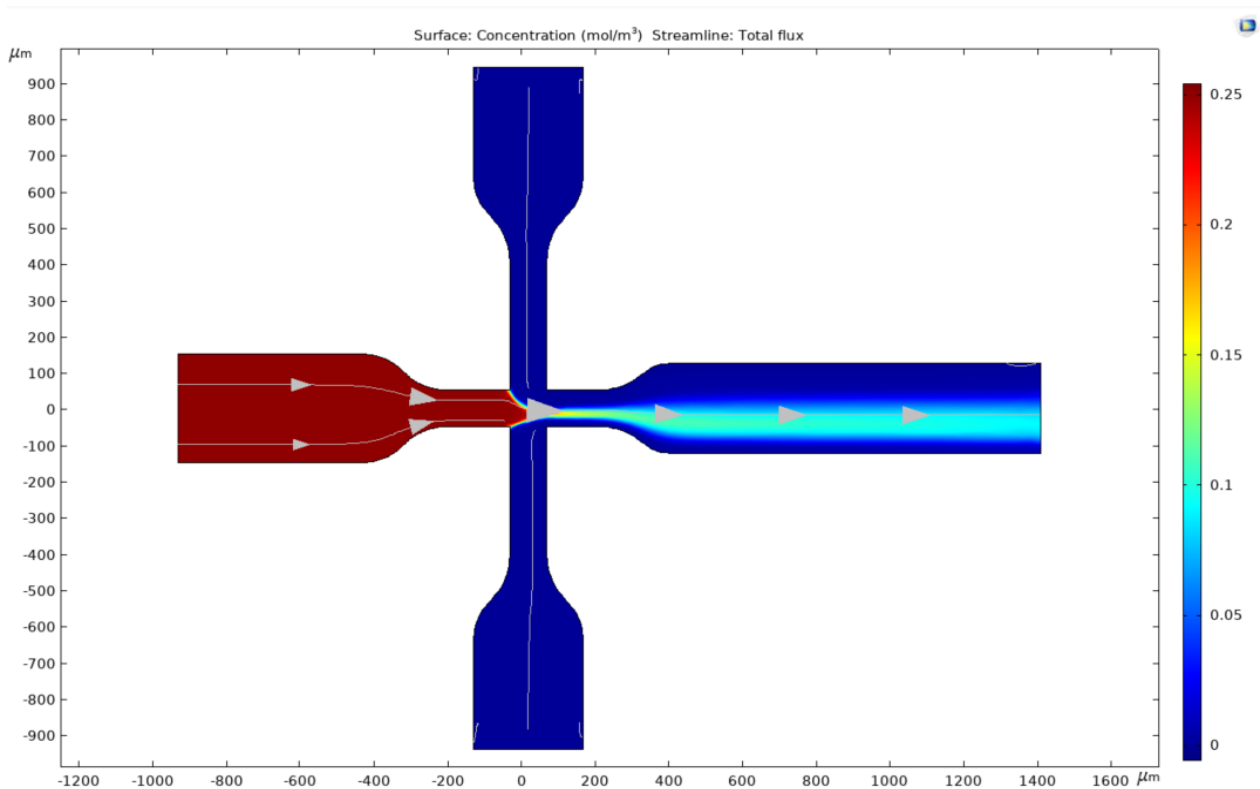


Fig-4: Concentration