

Size Distribution Report by Intensity

v2.2



Sample Details

Sample Name: ASTAXANTHIN EXTRACT 14072025

SOP Name: mansettings.nano

General Notes:

File Name: mazzura.dts	Dispersant Name: Water
Record Number: 75	Dispersant RI: 1.330
Material RI: 1.46	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Monday, July 14, 2025 1:52:0...

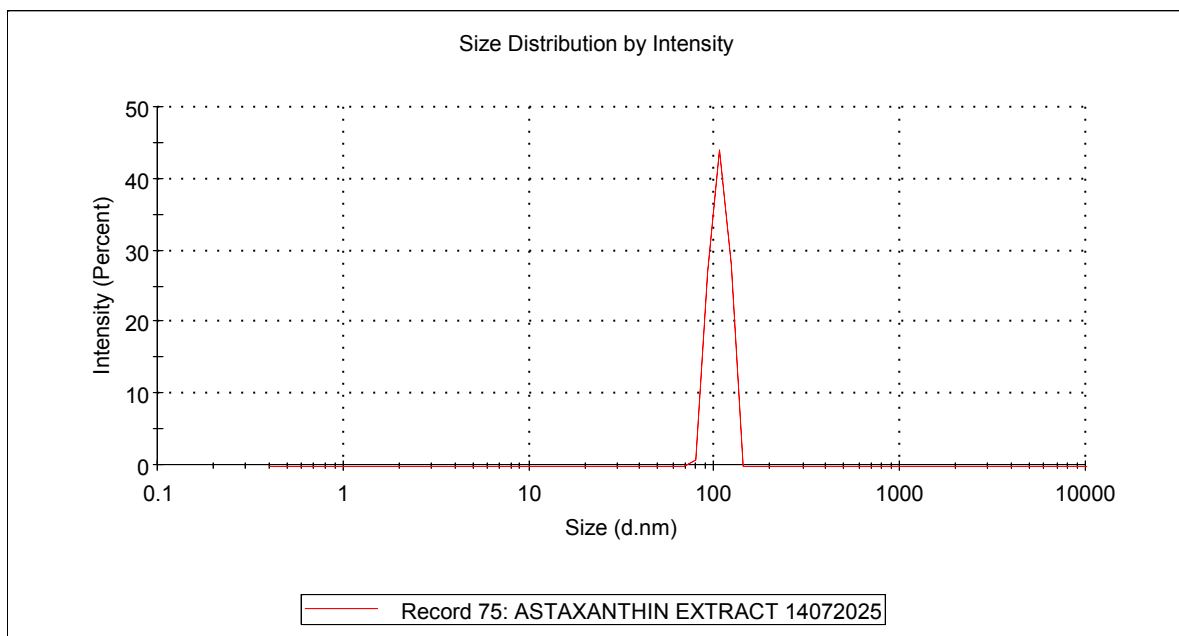
System

Temperature (°C): 25.0	Duration Used (s): 70
Count Rate (kcps): 153.5	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 728.5	Peak 1: 106.3	100.0	11.87
Pdl: 0.631	Peak 2: 0.000	0.0	0.000
Intercept: 1.05	Peak 3: 0.000	0.0	0.000

Result quality : **Refer to quality report**



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Sample Details

Sample Name: ASTAXANTHIN MACRO 14072025 1

SOP Name: mansettings.nano

General Notes:

File Name: mazzura.dts	Dispersant Name: Water
Record Number: 82	Dispersant RI: 1.330
Material RI: 1.46	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Monday, July 14, 2025 2:32:0...

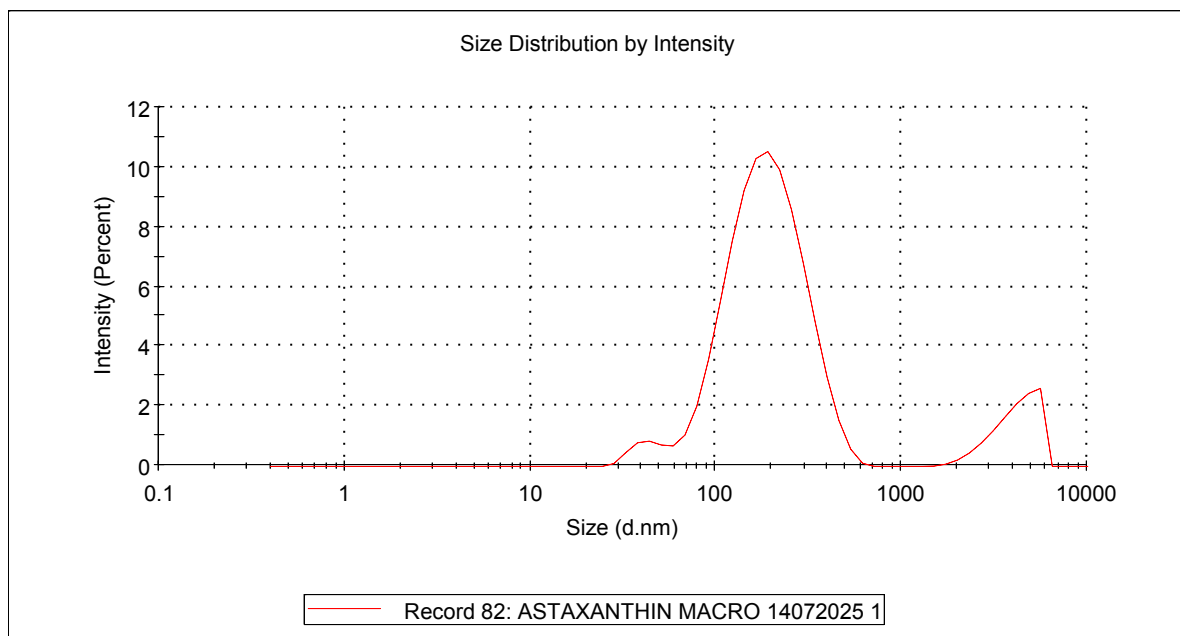
System

Temperature (°C): 25.0	Duration Used (s): 60
Count Rate (kcps): 316.6	Measurement Position (mm): 0.85
Cell Description: Disposable sizing cuvette	Attenuator: 5

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm)
Z-Average (d.nm): 190.5	Peak 1: 202.8	85.0	92.34
Pdl: 0.364	Peak 2: 4185	11.4	1056
Intercept: 0.916	Peak 3: 44.88	3.6	9.005

Result quality : Good



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Sample Details

Sample Name: ASTAXANTHIN NANO 14072025 3

SOP Name: mansettings.nano

General Notes:

File Name: mazzura.dts	Dispersant Name: Water
Record Number: 87	Dispersant RI: 1.330
Material RI: 1.46	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Monday, July 14, 2025 2:46:3...

System

Temperature (°C): 25.0	Duration Used (s): 60
Count Rate (kcps): 359.7	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 5

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 132.6	Peak 1: 152.3	100.0	58.83
Pdl: 0.117	Peak 2: 0.000	0.0	0.000
Intercept: 0.938	Peak 3: 0.000	0.0	0.000

Result quality : Good

