

PSD by Intensity - Statistics Report

Malvern Panalytical



Sample Details

Sample Name:

SAWO

Project Name:

SAMPEL LUAR 19 JULI 24

Date and Time:

Friday, July 19, 2024 3:46:23 PM

Type:

Size

Cell Name:

DTS0012

Material Name:

sawo

Material RI:

1.59

Material Absorption:

0.01

Result Source:

Instrument

Temperature (°C):

25

Dispersant Name:

Water

Dispersant RI:

1.33

Dispersant Viscosity (cP):

0.887

Dispersant Dielectric Constant:

78.5

Size Distribution by Intensity

Statistics Table

Name	Mean	Standard Deviation
Z-Average (nm)	552.7	-
Polydispersity Index (PI)	0.7102	-
Intercept	0.9365	-
Mean Count Rate (kcps)	105.6	-
In Range (%)	91.82	-
Peak 1 Mean by Intensity ordered by size (nm)	133.3	-
Peak 1 Area by Intensity ordered by size (%)	18.59	-
Peak 2 Mean by Intensity ordered by size (nm)	650.3	-
Peak 2 Area by Intensity ordered by size (%)	81.41	-
Di (10)	133.9	-
Di (50)	574.1	-
Di (90)	885.2	-

Parameter List

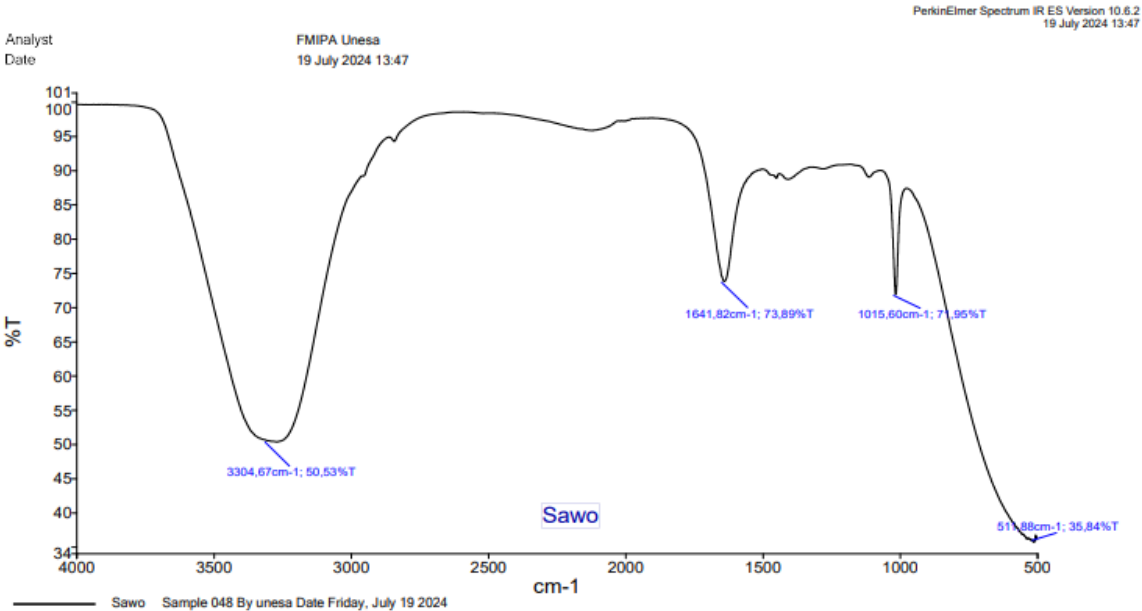
Actual Instrument Settings\Instrument Serial Number:

MAL1280479

Software Version

: 3.3.1.5

Hasil uji FT-IR



Source Spectra Results	
Spectrum Name	Number Of Peaks
Sawo	4

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PerkinElmer Spectrum IR ES Version 10.6.2
19 July 2024 13:47

List of Peak Area/Height		
Peak Number	X (cm-1)	Y (%T)
1	3304.67	50.53
2	1641.82	73.89
3	1015.60	71.95
4	511.88	35.84