

Elongation Report - Number Distribution

Sample Name: NU-LHT-1M 101 300um fraction > 100 pixels

SOP Name: NASA2.5x

Edited: True

User Name: apps

Edited On: 12 July 2007 11:59:21

Date: 11 July 2007 17:49:52

SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

Elongation Minimum: 0.001

Elongation D[n, 0.1]: 0.106

Elongation Maximum: 0.877

Elongation D[n, 0.5]: 0.285

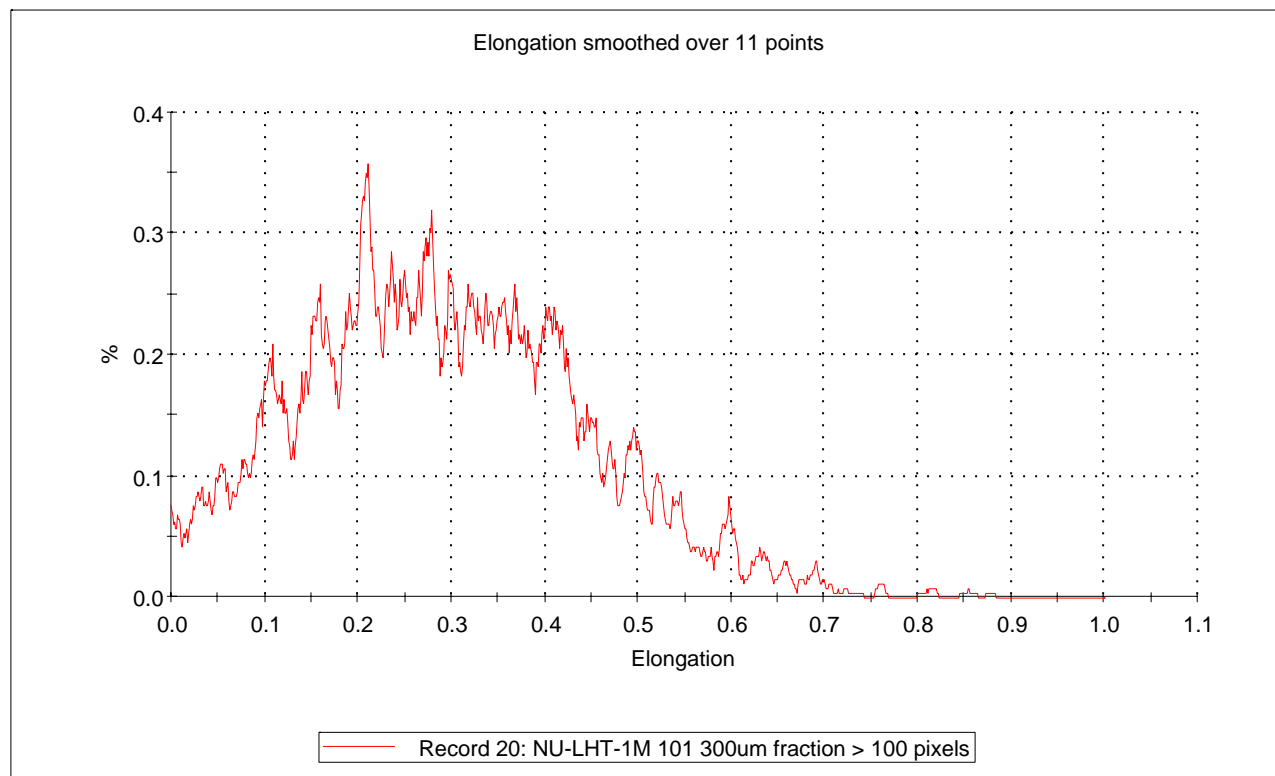
Elongation Mean: 0.296

Elongation D[n, 0.9]: 0.495

Particles Counted: 2390

Elongation STDV: 0.149

Elongation RSD (%): 50.41



Comments: Greater than 300um fraction manually dispersed

Solidity Report - Number Distribution

Sample Name: NU-LHT-1M 101 300um fraction > 100 pixels

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SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

Solidity Minimum: 0.457

Solidity D[n, 0.1]: 0.760

Solidity Maximum: 1.000

Solidity D[n, 0.5]: 0.931

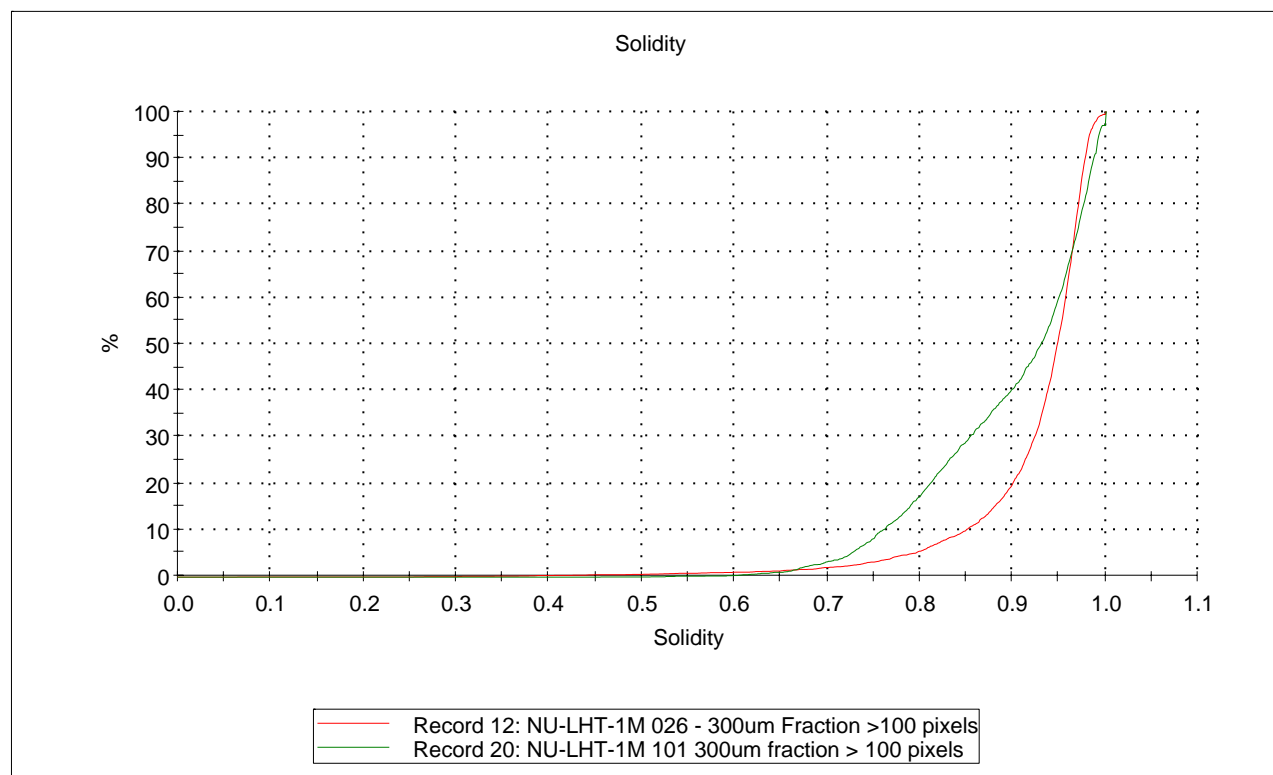
Solidity Mean: 0.897

Solidity D[n, 0.9]: 0.988

Particles Counted: 2390

Solidity STDV: 0.091

Solidity RSD (%): 10.18



Comments: Greater than 300um fraction manually dispersed

Intensity Standard deviation Report - Number Distribution

Sample Name: NU-LHT-1M 101 300um fraction > 100 pixels

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SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

Intensity STDV Minimum: 1

Intensity STDV D[n, 0.1]: 19

Intensity STDV Maximum: 52

Intensity STDV D[n, 0.5]: 31

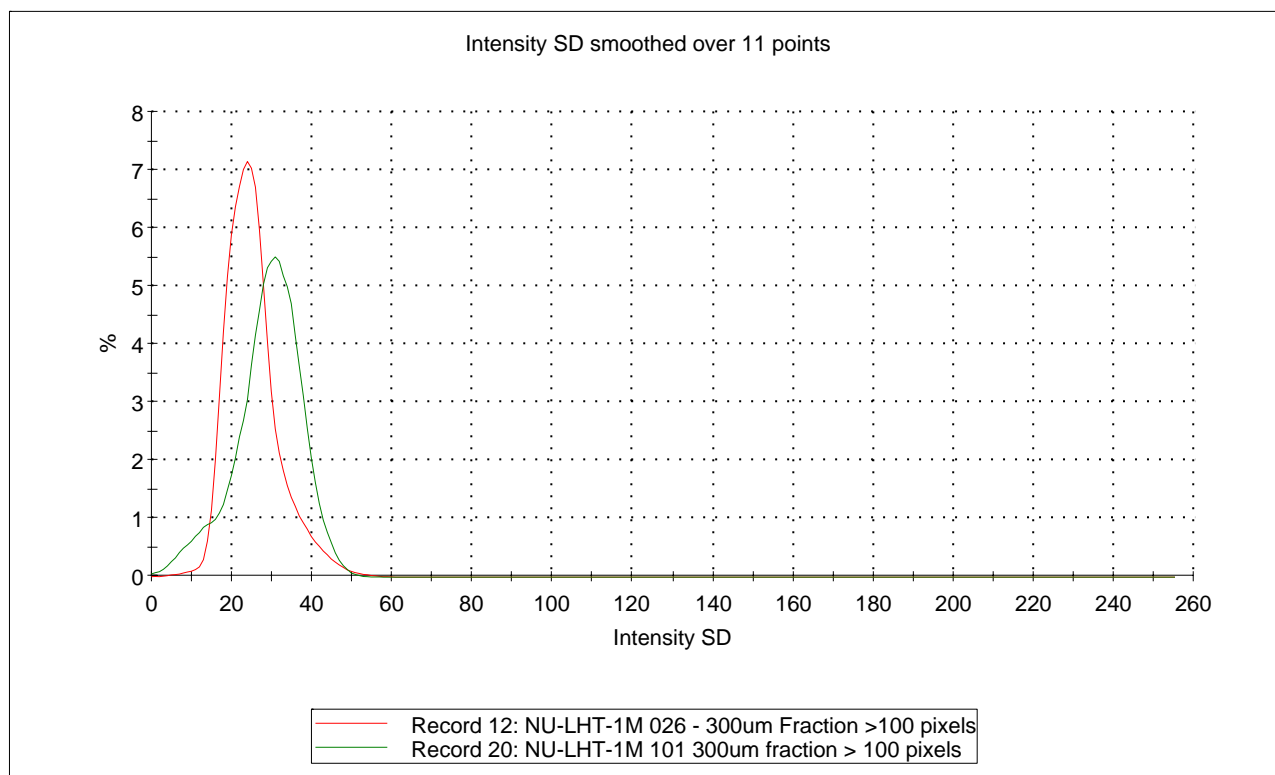
Intensity STDV Mean: 30

Intensity STDV D[n, 0.9]: 38

Particles Counted: 2390

Intensity STDV STDV: 8

Intensity STDV RSD (%): 25.96



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Intensity Mean Report - Number Distribution

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Mean Intensity Minimum: 7

Mean Intensity D[n, 0.1]: 14

Mean Intensity Maximum: 153

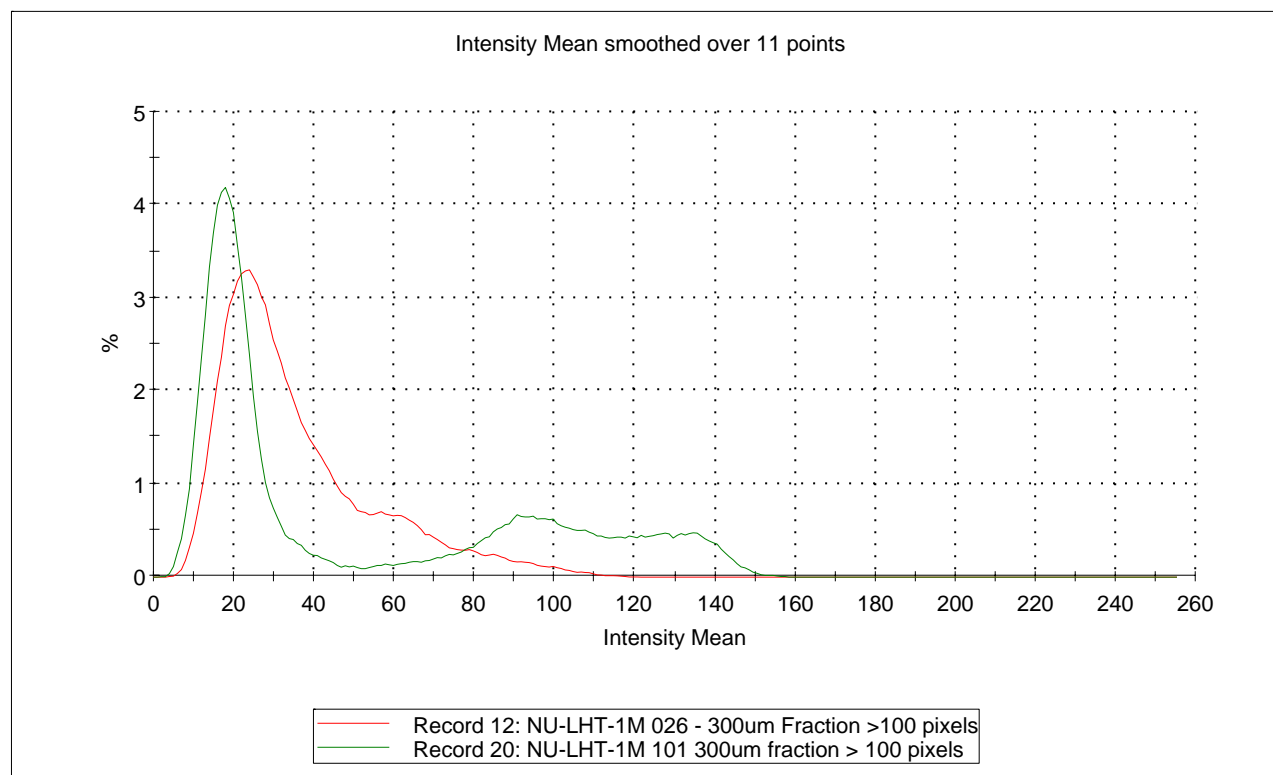
Mean Intensity D[n, 0.5]: 24

Mean Intensity D[n, 0.9]: 123

Particles Counted: 2390

Mean Intensity STDV: 44

Mean Intensity RSD (%): 84.25



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HS Circularity Report - Number Distribution

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SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

HS Circularity Minimum: 0.108

HS Circularity D[n, 0.1]: 0.345

HS Circularity Maximum: 0.973

HS Circularity D[n, 0.5]: 0.666

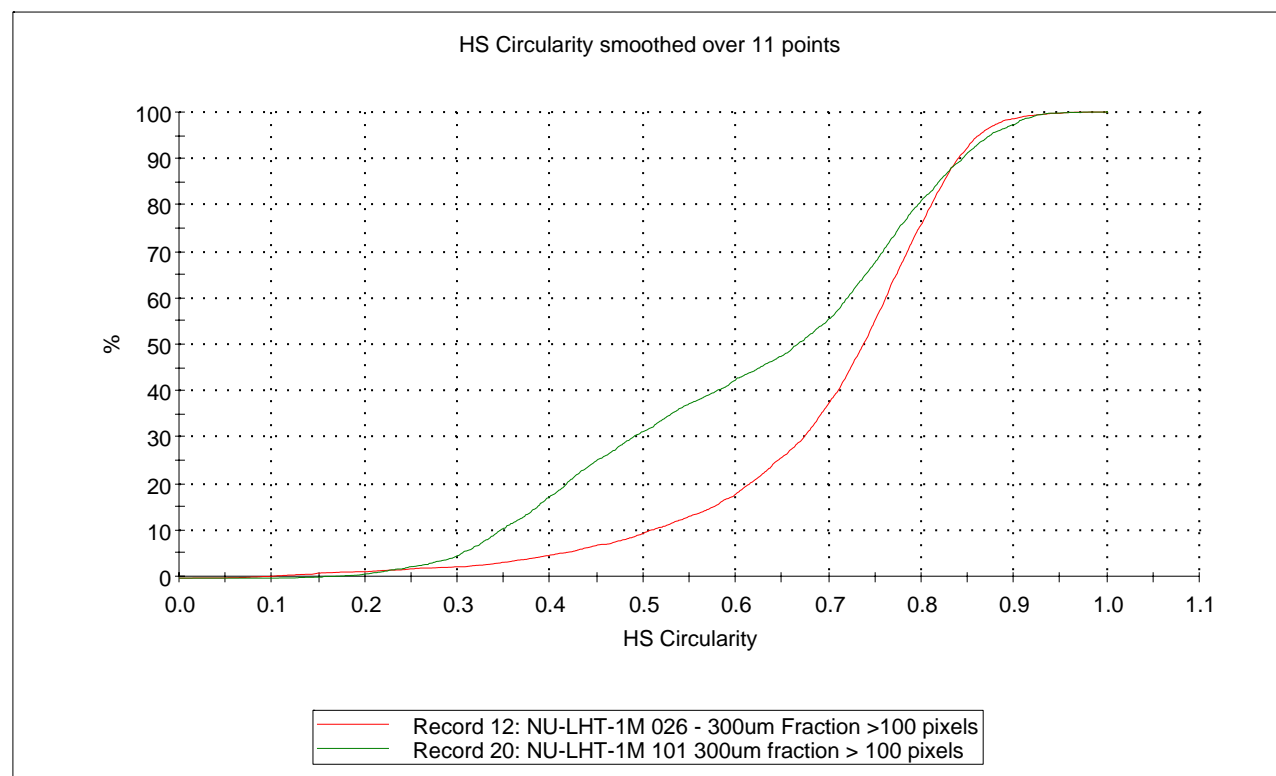
HS Circularity Mean: 0.618

HS Circularity D[n, 0.9]: 0.844

Particles Counted: 2390

HS Circularity STDV: 0.191

HS Circularity RSD (%): 30.819



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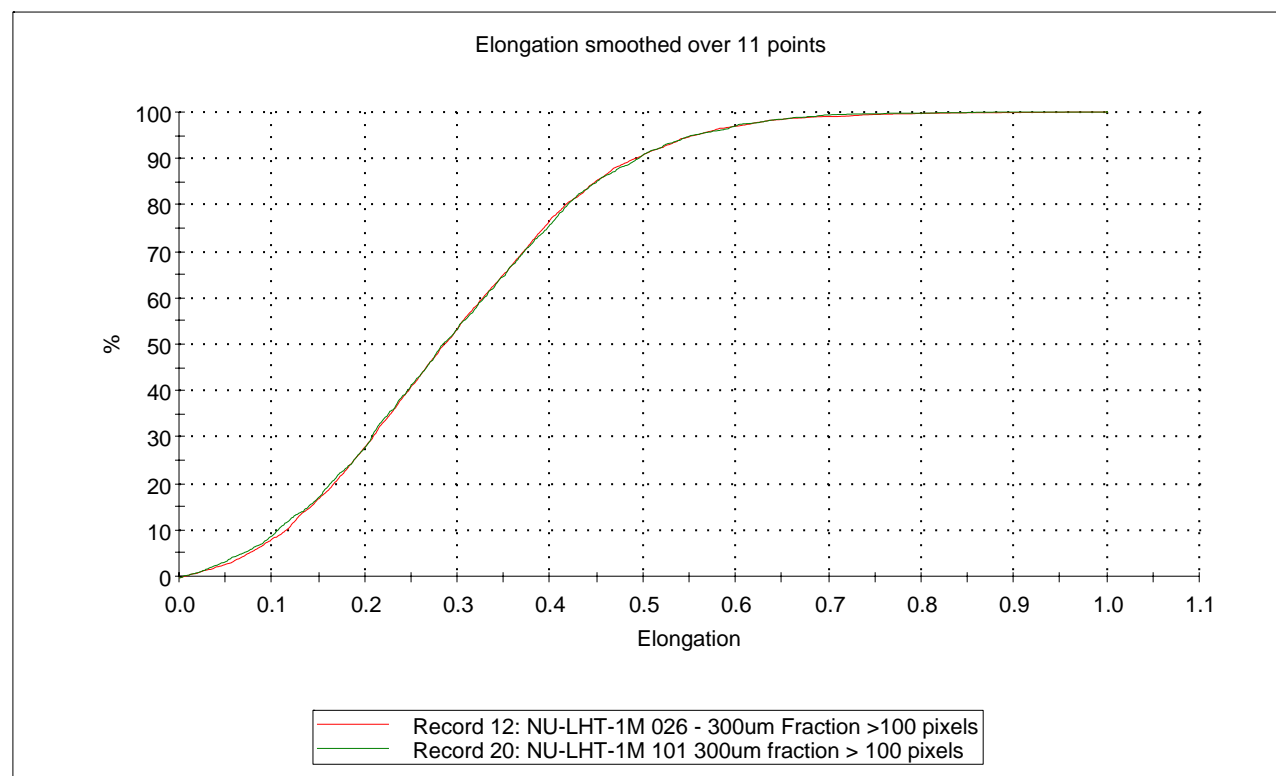
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Elongation RSD (%): 50.41



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CE Diameter Report - Volume Distribution

Sample Name: NU-LHT-1M 101 300um fraction > 100 pixels

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SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

CE Diameter Minimum (μm): 19.62

CE Diameter D[v, 0.1]: 435.2

CE Diameter Maximum (μm): 1727.29

CE Diameter D[v, 0.5]: 635.8

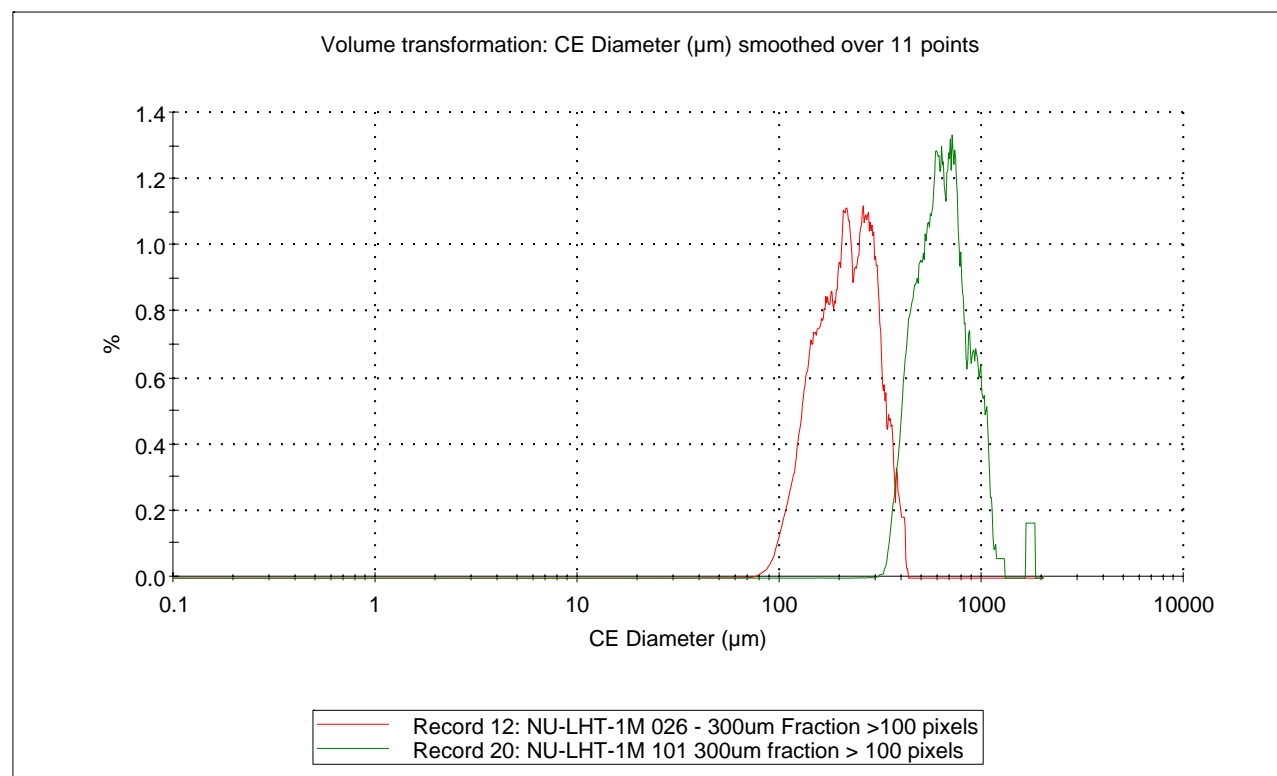
CE Diameter Mean (μm): 347.84

CE Diameter D[v, 0.9]: 973.2

Particles Counted: 2390

CE Diameter STDV (μm): 266.83

CE Diameter RSD (%): 76.71



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CE Diameter Report - Number Distribution

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User Name: apps

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Date: 11 July 2007 17:49:52

SOP Analysis: 3.0

SOP Fill Holes: True

SOP Segmentation: None

SOP Trash Size: 10

SOP Optic(s) used: 2.5x

CE Diameter Minimum (μm): 19.62

CE Diameter D[n, 0.1] (μm): 21.57

CE Diameter Maximum (μm): 1727.29

CE Diameter D[n, 0.5] (μm): 416.54

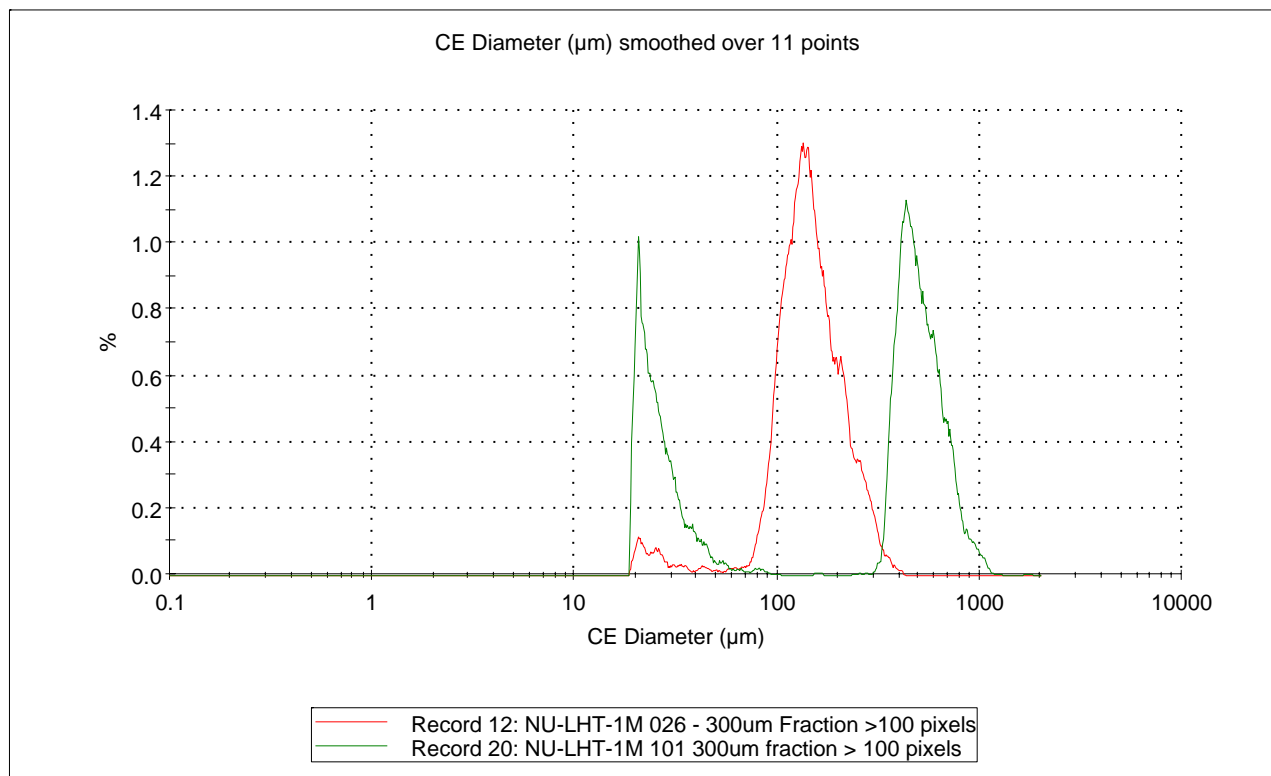
CE Diameter Mean (μm): 347.84

CE Diameter D[n, 0.9] (μm): 674.66

Particles Counted: 2390

CE Diameter STDV (μm): 266.83

CE Diameter RSD (%): 76.71



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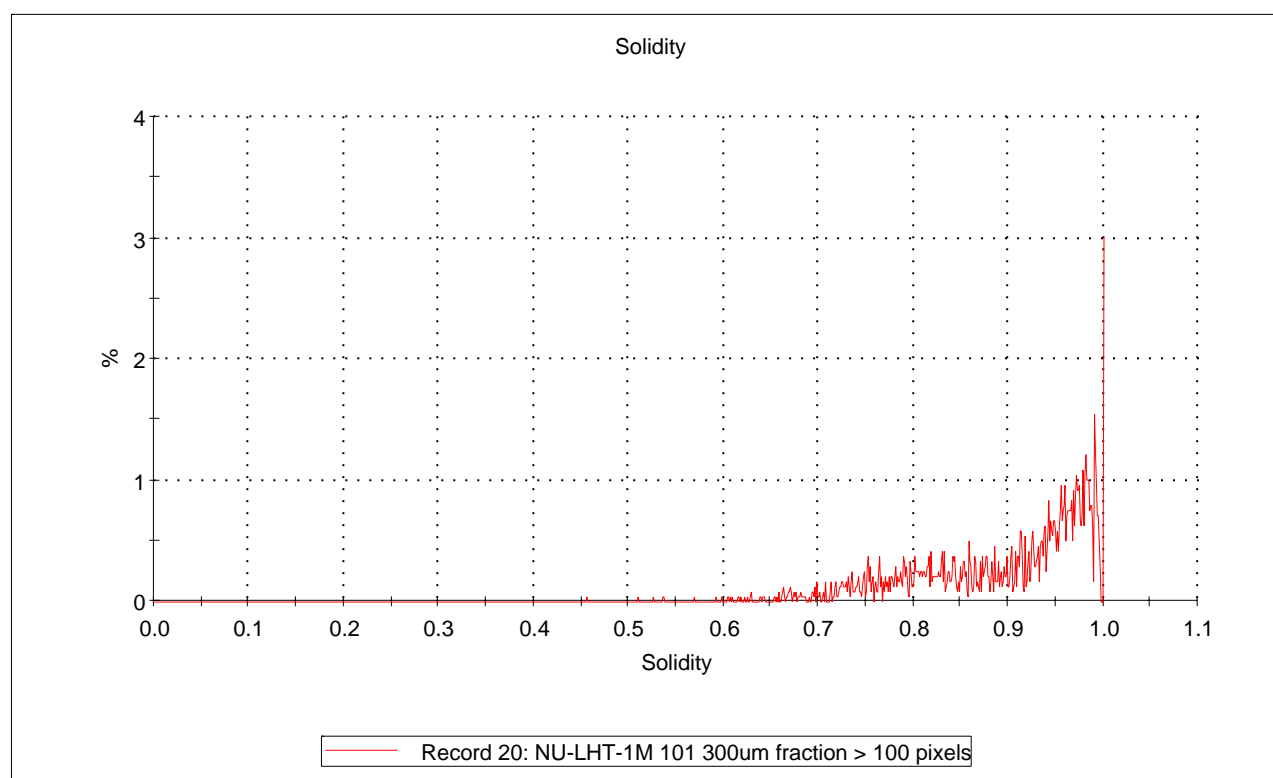
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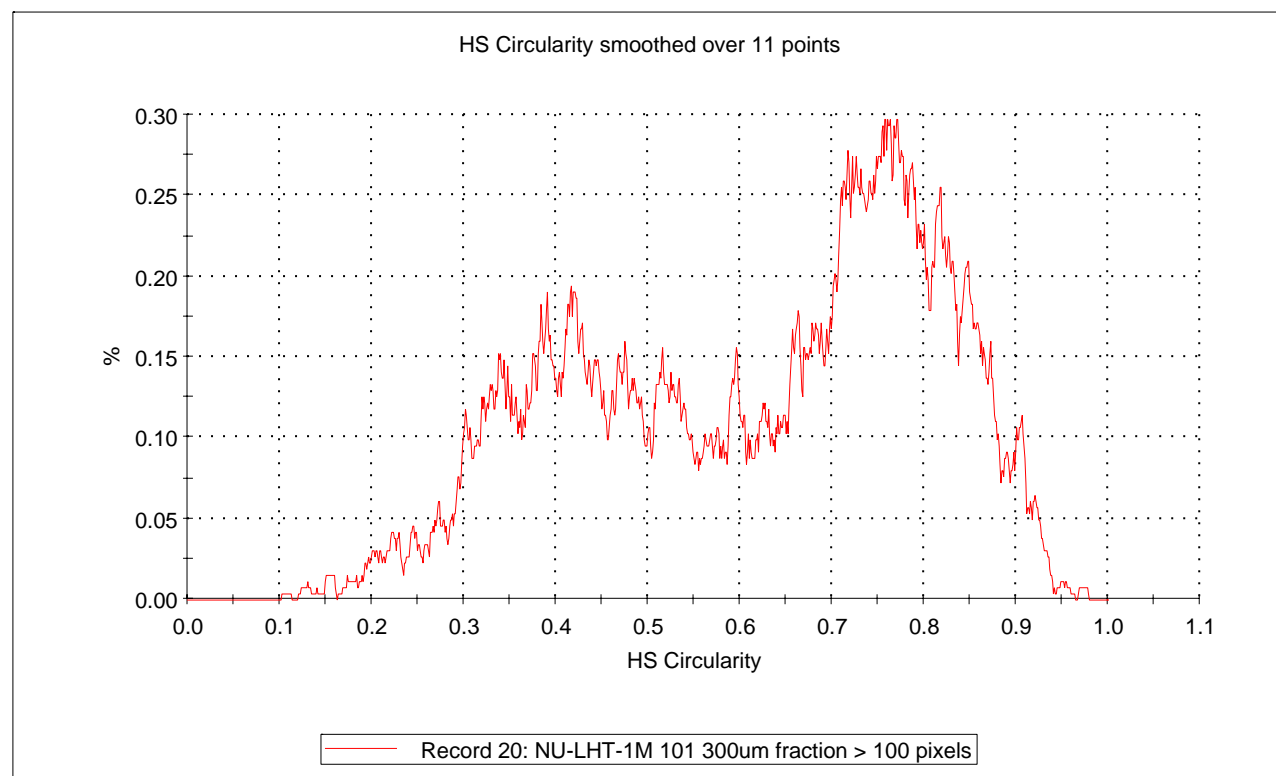
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