

Particle Report

Comments: Routine PV 12 JAN 11
SRM 917
G100.01
EO Particle Technology Labs

Sample Name: QAS3006

User Name: Eric Olson

Date: 12 January 2011 10:51:16

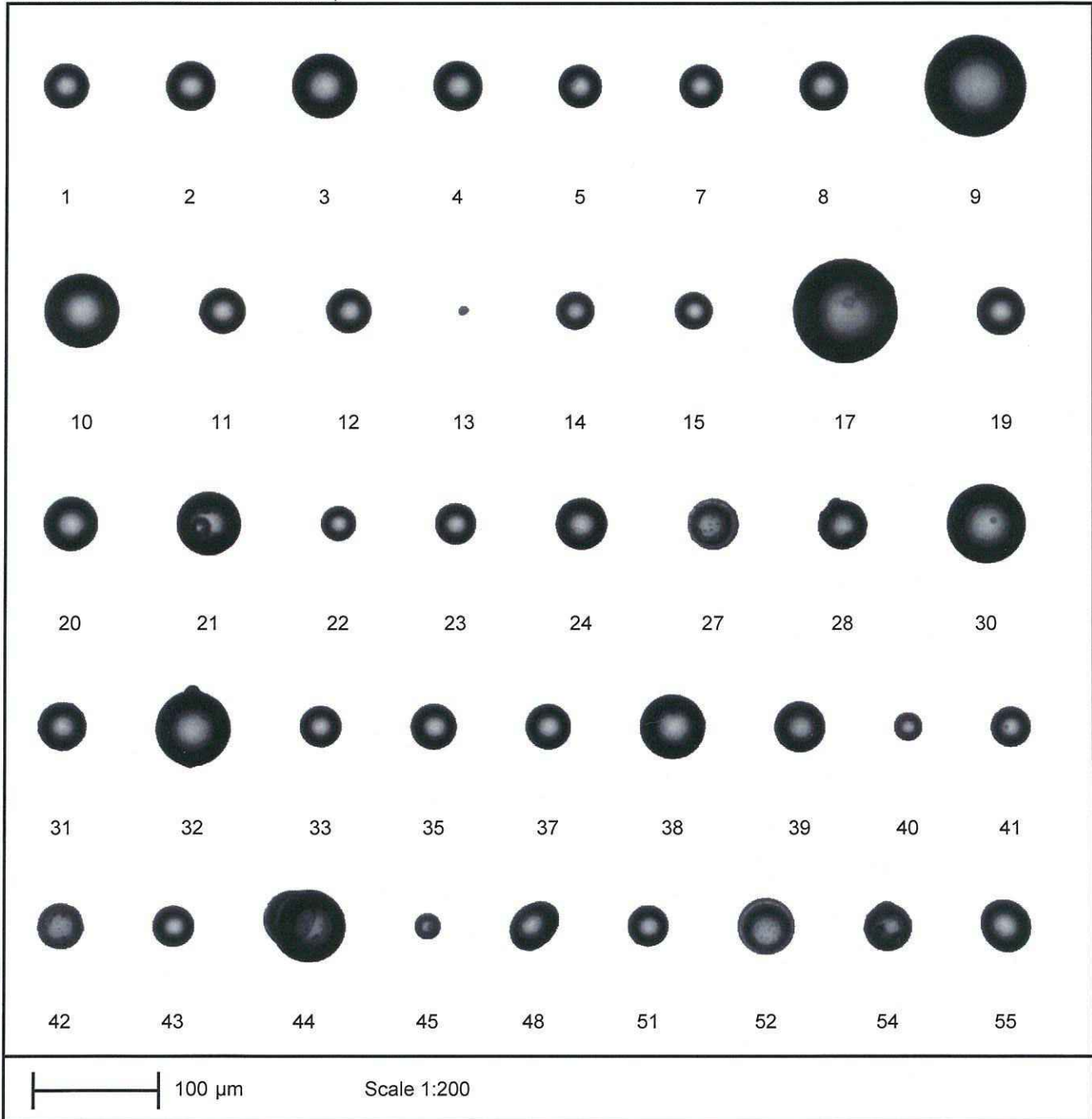
Edited On: 12 January 2011 10:51:16

SOP Analysis: 3.0

SOP Trash Size (pixels): 100

SOP Name: PTL - QAS3006 SRM.vsop

SOP Optic(s) used: 5x





Aspect Ratio Report - Number Distribution

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SOP Analysis: 3.0

SOP Trash Size (pixels): 100

SOP Optic(s) used: 5x

SOP Name: PTL - QAS3006 SRM.vsop

Aspect Ratio Minimum: 0.671

Aspect Ratio D[n, 0.1]: 0.961

Aspect Ratio Maximum: 1.000

Aspect Ratio D[n, 0.5]: 0.991

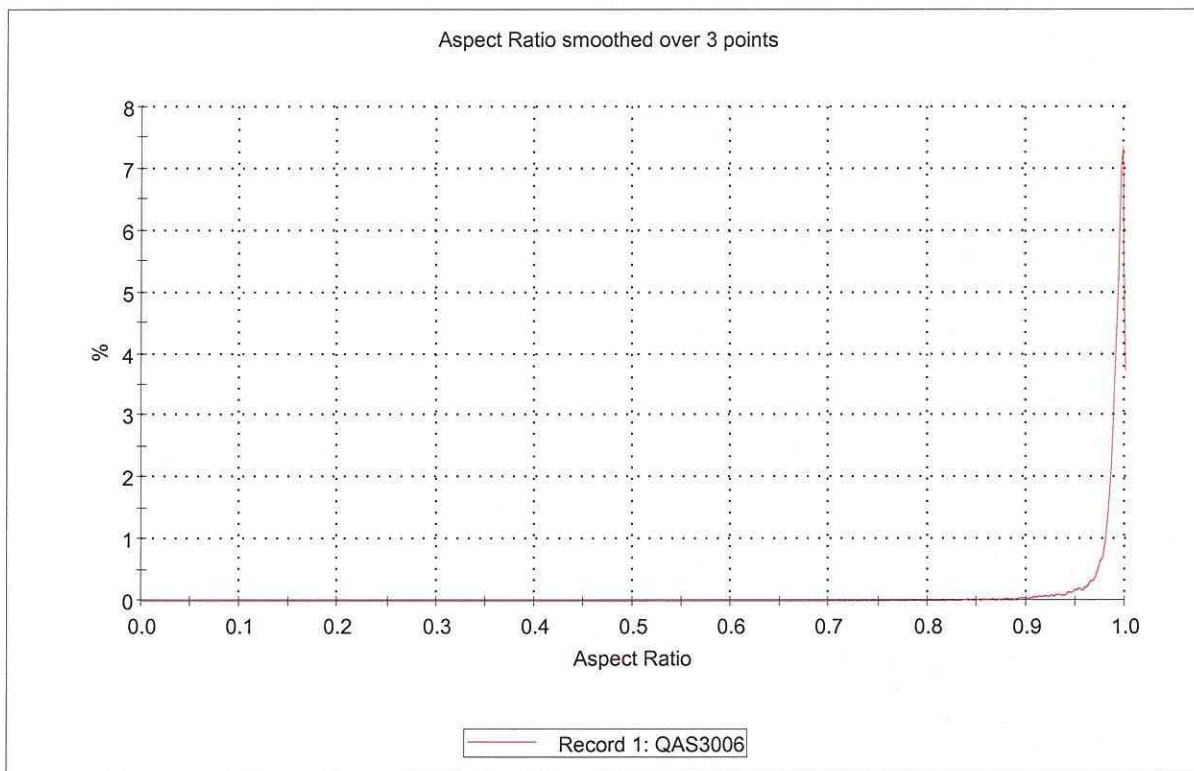
Aspect Ratio Mean: 0.984

Aspect Ratio D[n, 0.9]: 0.998

Particles Counted: 25000

Aspect Ratio STDV: 0.030

Aspect Ratio RSD (%): 3.03





CE Diameter Report - Number Distribution

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SOP Analysis: 3.0

SOP Trash Size (pixels): 100

SOP Optic(s) used: 5x

SOP Name: PTL - QAS3006 SRM.vsop

CE Diameter Minimum (μm): 6.29

CE Diameter D[n, 0.1] (μm): 26.70

CE Diameter Maximum (μm): 136.09

CE Diameter D[n, 0.5] (μm): 40.71

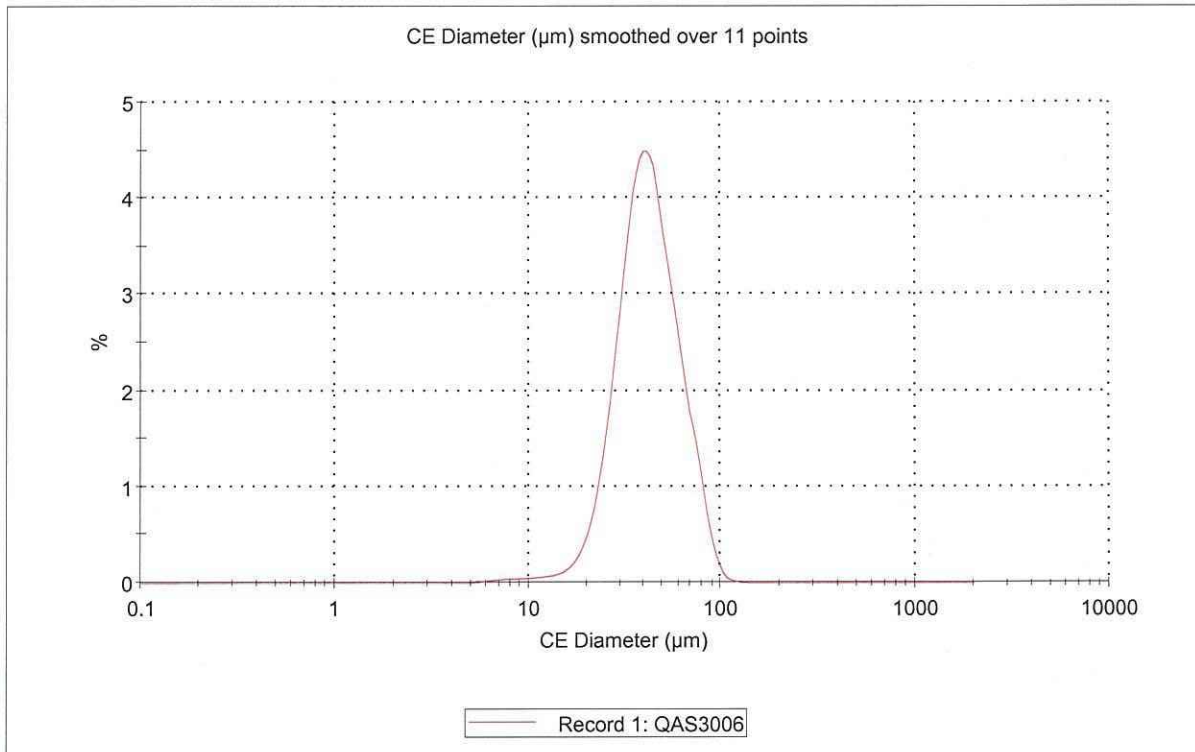
CE Diameter Mean (μm): 44.80

CE Diameter D[n, 0.9] (μm): 64.66

Particles Counted: 25000

CE Diameter STDV (μm): 15.29

CE Diameter RSD (%): 34.12



CE Diameter Report - Volume Distribution

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SOP Analysis: 3.0

SOP Trash Size (pixels): 100

SOP Name: PTL - QAS3006 SRM.vsop

SOP Optic(s) used: 5x

CE Diameter Minimum (μm): 6.29

CE Diameter D[v, 0.1]: 37.09

CE Diameter Maximum (μm): 136.09

CE Diameter D[v, 0.5]: 58.25

CE Diameter D[4,3] (μm): 60.24

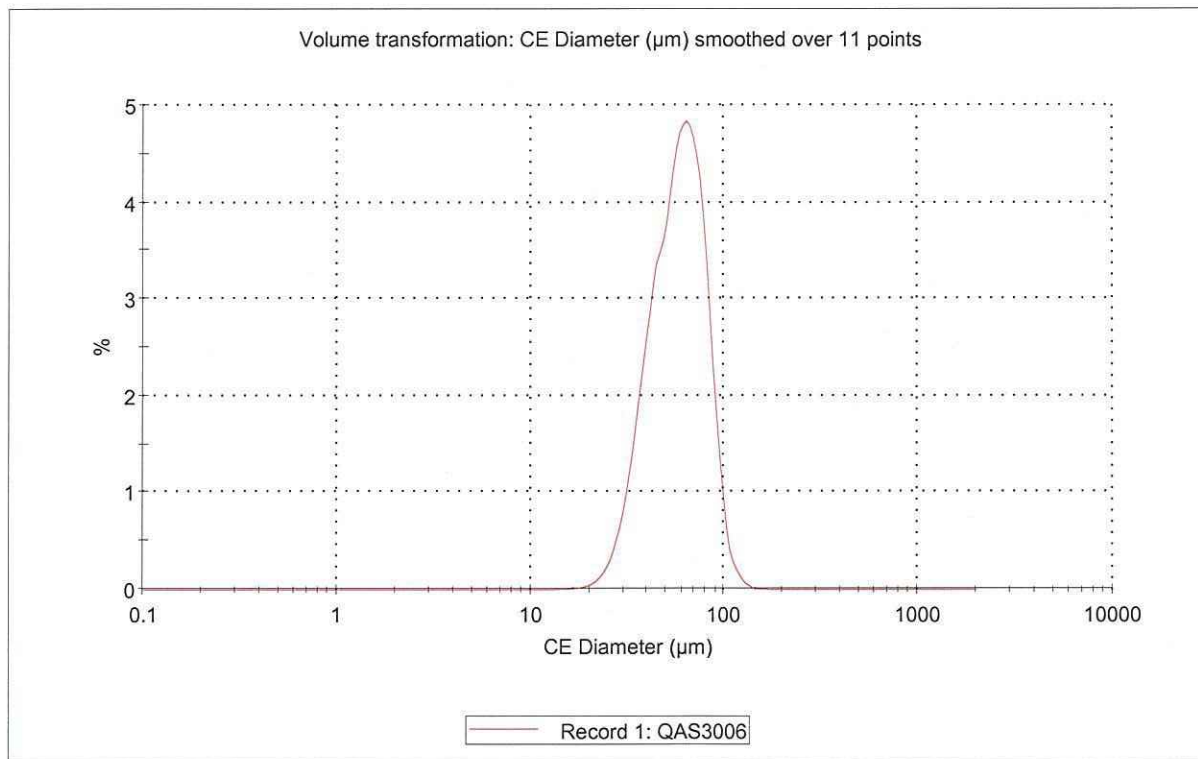
CE Diameter D[v, 0.9]: 78.6

CE Diameter D[3,2] (μm): 55.19

CE Diameter STDV (μm): 15.29

Particles Counted: 25000

CE Diameter RSD (%): 34.12





Circularity Report - Number Distribution

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Edited On: 12 January 2011 10:51:16

SOP Analysis: 3.0

SOP Trash Size (pixels): 100
SOP Optic(s) used: 5x

SOP Name: PTL - QAS3006 SRM.vsop

Circularity Minimum: 0.951

Circularity D[n, 0.1]: 0.961

Circularity Maximum: 0.995

Circularity D[n, 0.5]: 0.971

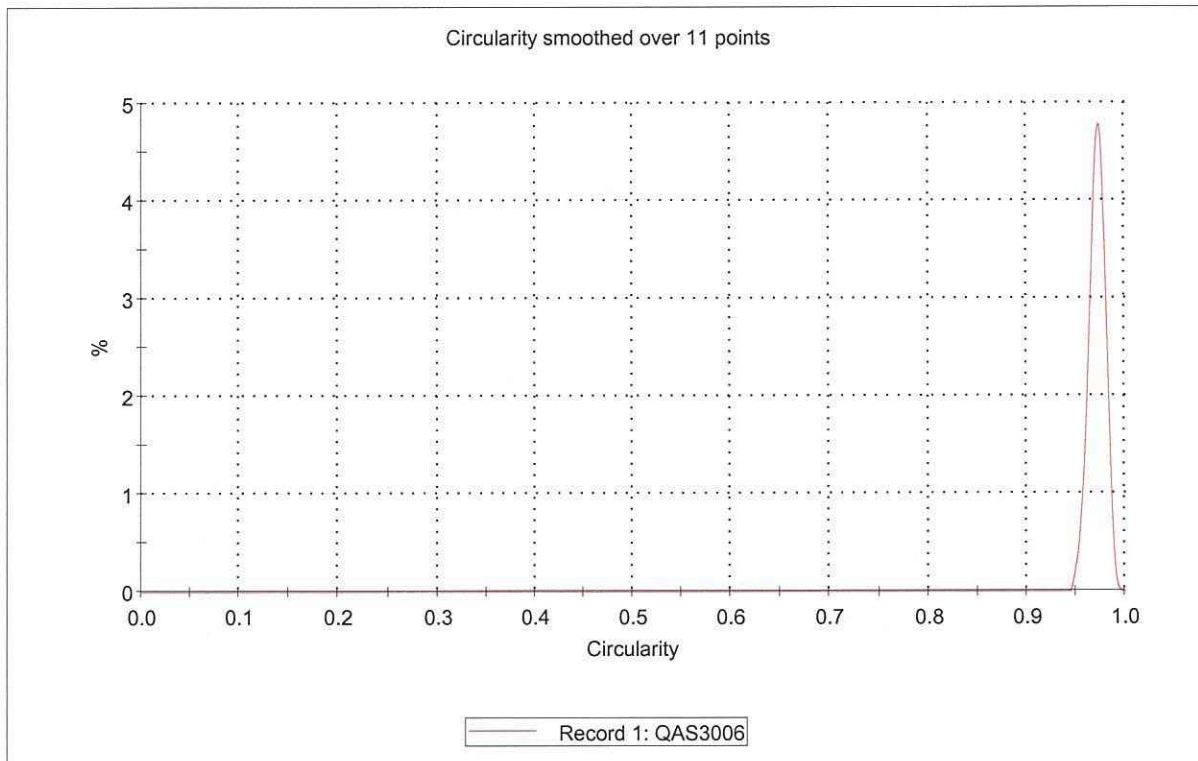
Circularity Mean: 0.972

Circularity D[n, 0.9]: 0.980

Particles Counted: 25000

Circularity STDV: 0.008

Circularity RSD: 0.79



Convexity Report - Number Distribution

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User Name: Eric Olson
Date: 12 January 2011 10:51:16
Edited On: 12 January 2011 10:51:16

SOP Analysis: 3.0

SOP Trash Size (pixels): 100

SOP Optic(s) used: 5x

SOP Name: PTL - QAS3006 SRM.vsop

Convexity Minimum: 0.958

Convexity D[n, 0.1]: 0.971

Convexity Maximum: 1.000

Convexity D[n, 0.5]: 0.978

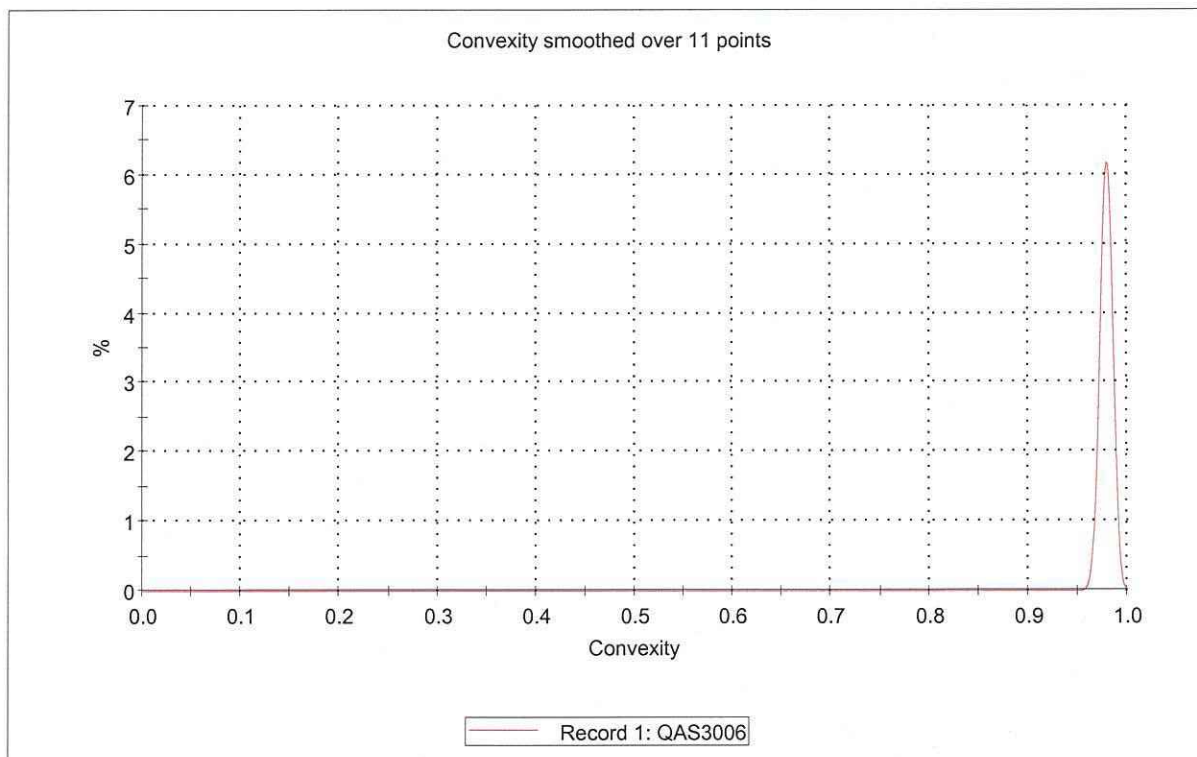
Convexity Mean: 0.979

Convexity D[n, 0.9]: 0.985

Particles Counted: 25000

Convexity STDV: 0.006

Convexity RSD (%): 0.57



Solidity Report - Number Distribution

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Edited On: 12 January 2011 10:51:16

SOP Analysis: 3.0

SOP Trash Size (pixels): 100
SOP Optic(s) used: 5x

SOP Name: PTL - QAS3006 SRM.vsop

Solidity Minimum: 0.978

Solidity D[n, 0.1]: 0.990

Solidity Maximum: 1.000

Solidity D[n, 0.5]: 0.993

Solidity Mean: 0.994

Solidity D[n, 0.9]: 0.996

Particles Counted: 25000

Solidity STDV: 0.002

Solidity RSD (%): 0.23

