

Abstract Submitted
for the TSS14 Meeting of
The American Physical Society

Raman Spectroscopy of 3-D Graphene ROBERT FRIEDFELD,
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State University — Purified powders and three dimensional freestanding graphene
foam were assessed analytically through Raman Spectroscopy. Samples were tested
in a number of solvents in order to identify the most stable dispersions. Purified
powders were shown to be inferior to the “as received” 3D graphene foam as quan-
tified through the above analytical methods. Graphene foams are reported here to
represent a highly pure form of graphene that may be dispersed in solution in order
to form thin films that retain the same quantifiable qualities as the solid starting
material.

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Date submitted: 28 Feb 2014

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