Technical Data Sheet

ACS Material Graphene – Freestanding Multilayer 3D Foam

1 inch x 1 inch

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1. Preparation Method
1) Preparation of 3D Graphene on Nickel Foam.
2) Remove Nickle.

2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>7440-44-0</td>
<td>&gt;99.0%</td>
</tr>
</tbody>
</table>

3. Characterization & Analysis

SEM Image of Freestanding Multilayer 3D Foam
SEM Image of Freestanding Multilayer 3D Foam
Raman Spectrum of Freestanding Multilayer 3D Foam

Raman Spectrum of Freestanding Multilayer 3D Foam
4. Application Fields

Analytical chemistry applications
Environmental applications
Medical applications
Fuel storage, Supercapacitors;
Gas purification
Chemical purification
Distilled alcoholic beverage purification
Mercury scrubbing

5. Other Information

None

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