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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Seaweeds:** 4 containers each  **Name** **Mass (gm)**  Ulva 4.8  Dictoneurum 5.75  Gigartiva 4  Egregia 5  Dictopteris 13.2  Gelidium 13.1  Macrocystis 1.3  Pterogophora 12.5  **Solvents:**  Methanol  Ethanol  Acetone  Saline (phosphate buffered)  **Volume of Solvent/gram (2 milliliters/gram)**     |  |  |  |  |  | | --- | --- | --- | --- | --- | | Algae | Saline | Methanol | Ethanol | Acetone | | Ulva | 10x3 | 10x2 | 10x2 | 10x2 | | Dictyo Neurum | 11x3 | 11x2 | 11x2 | 11x2 | | Gigartina | 12 | 8 | 8 | 8 | | Egregia | 15 | 10 | 10 | 10 | | Dictyopteris | 39 | 26 | 26 | 26 | | Gelidium | 39 | 26 | 26 | 26 | | Macrocystis | 2.5x3 | 2.5x2 | 2.5x2 | 2.5x2 | | Peterogophora | 37.5 | 25 | 25 | 25 |   **Volume of Solution Created in Milliliters**  **Ampacillin Results:** **Azide Results:**  Range: 0 - 100 micrograms/ liter Range: 0 - 100 micrograms/ liter  Gradient Diameter Gradient Diameter  (microgm/liter) (mm) (microgm/liter) (mm)  0 0 0 0  10 0 10 0  20 0 20 0  30 0 30 0  40 7.25 40 7.25  50 8 50 8.5  60 8.5 60 9.25  70 9 70 10  80 9 80 10.5  90 9 90 11.5  100 9.5 100 12  **Experiment:** |

*This Web Site is Best viewed with 256 or more colors.*

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