



|   |                      |   |                 |   |                       |
|---|----------------------|---|-----------------|---|-----------------------|
| 1 | Sodium arsenate      | 2 | Sodium arsenite | 3 | Methylarsonic acid    |
|   | 0.5 ppm              |   | 0.5 ppm         |   | 0.5 ppm               |
| 4 | Dimethylarsinic acid | 5 | Arsenobetaine   | 6 | Trimethylarsine oxide |
|   | 0.5 ppm              |   | 0.5 ppm         |   | 0.5 ppm               |
| 7 | Arsenocholine        |   |                 |   |                       |
|   | 0.5 ppm              |   |                 |   |                       |

HPLC Conditions

|              |   |
|--------------|---|
| Column       | CAPCELL PAK C <sub>18</sub> MG S5 : 4.6 mm i.d.×250 mm  |
| Mobile phase | 10mmol/L Sodium butanesulfonate, 4mmol/L Tetramethylammonium hydroxide, 4mmol/L Malonic acid, 0.05vol% CH <sub>3</sub> OH |
| Flow rate    | 1.0 mL/min  |
| Temperature  | R.T.  |
| Detect       | ICP-AES   |
| Inj. vol.    | 5 µL  |