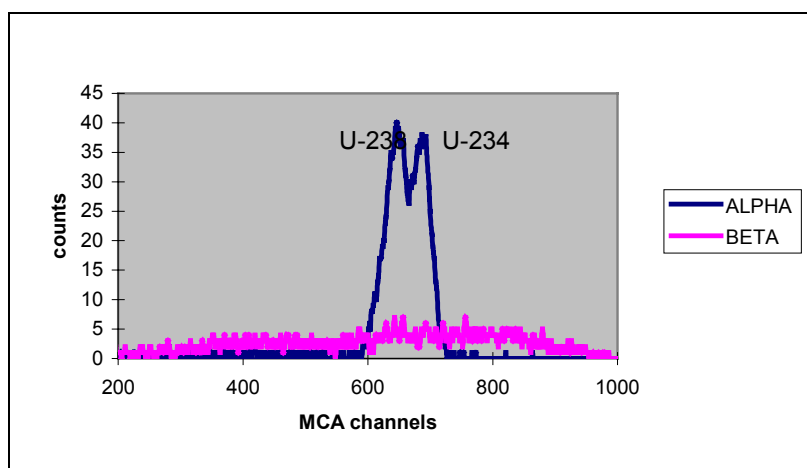
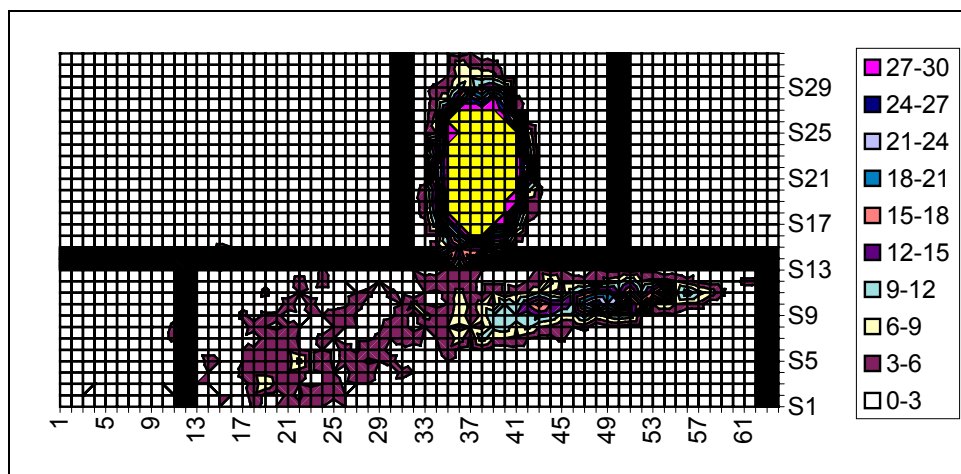


## Uran - Extraction from 250 ml water

U-238 can be extracted from water with modified MaxiLight added with a few per cent (6 %) of a complexing agent, such as e.g. bis(2-ethylhexyl)-phosphate (HDEHP), trioctylphosphine oxide (TOPO) or tributyl phosphate (TBP). Before extraction, water is thoroughly bubbled to remove Rn-222 and made acidic with nitric acid. According to literature, these agents are rather effective so that a few milliliters of the modified cocktail can extract over 90 % of U from one liter of water. LLoD in 1 hour: 1 µg/l or 0,01 Bq (U -238) / l



Activity of the sample: 3,36 mg/l or 42 Bq/l

### Product Information

**Finland and International** Hidex Oy tel +358-2-2750557 fax +358-2-2410075 [info@hidex.com](mailto:info@hidex.com) **Canada** Gamble Technologies Limited Tel: 905 812 9200 [info@gtl.ca](mailto:info@gtl.ca) **France** ScienceTec Tel +3316446 2400 [info@sciencetec.fr](mailto:info@sciencetec.fr) **Germany (Austria, Czech Republic)** FCI Frenzel Consulting & Instruments Tel +49 7082 948 290 [eberhardfrenzel@aol.com](mailto:eberhardfrenzel@aol.com) **Hong Kong** Line Analytics Life Sciences Ltd. Tel + 852 2578 5839 [line@lineanalytics.com](mailto:line@lineanalytics.com) **Japan** Sowa Trading Co Inc. Tel +81 3 3862 2700 [tokyo@sowa-trading.co.jp](mailto:tokyo@sowa-trading.co.jp) **Korea** SIMS Co.Ltd Tel +82 2 576 9727 [dmlee@sims.com](mailto:dmlee@sims.com) **Russia** Pribori Oy c/o Wallac Oy Tel +358 2 267 8111 [maria.kivisto@pribori.pp.fi](mailto:maria.kivisto@pribori.pp.fi) **Scandinavia:** Reaction-Lab Oy Tel +358 2 410 1746 [info@reaction-lab.com](mailto:info@reaction-lab.com) **Spain** Izasa s.a. Tel +34 91 6630500 [jbruna@izasa.es](mailto:jbruna@izasa.es) **Switzerland** Uehlinger Pfiffner AG Tel +41 62 7212281 [mail@uehlinger-pfiffner.ch](mailto:mail@uehlinger-pfiffner.ch) **United Kingdom** Southern Scientific Ltd. Tel +44 1903 6044000 [info@southern-scientific.co.uk](mailto:info@southern-scientific.co.uk) **U.S.A** Bioscan Inc Tel + 1 202 338 0974 [sales@bioscan.com](mailto:sales@bioscan.com)

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