

**Press Release: Low cost On-Line salt analyser**

Date: 10<sup>th</sup> March 2011

**Industrial food production and processing is necessarily connected with the use of salt. Salt or sodium chloride is used as a preservative, spice, agent for colour maintenance, texture, and to regulate fermentation by stopping the growth of bacteria.**



The Alert Ion Analyzer for sodium features a Sodium Ion Selective Polymer electrode, from Metrohm. Aside from a sample supply the Alert Ion Analyzer only requires a sodium standard solution which is used for automatic calibration and the unique Dynamic Standard Addition™ (DSA) methodology to remove interferences and validate each and every result as correct.

The Alert Ion Analyzer is delivered for analysis of sodium in the range 50 – 5000mg/l but can be modified by changing the concentration of the sodium standard. Consumption of standard is approximately 1ml per analysis.

For more information or an application data sheet (ADS1311) contact Metrohm UK Ltd

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**Note to Editors:**

Metrohm UK Ltd is the UK distributor of Metrohm AG, the leading manufacturer of Ion Analysis Instruments.

**Metrohm** is synonymous with potentiometric titration, Karl Fischer titration, ion chromatography and voltammetry solving your analytical chemistry problems with quality instrumentation and support services in the technologies of POTENTIOMETRIC TITRATION, KARL FISCHER TITRATION (moisture analysis), ION CHROMATOGRAPHY, VOLTAMMETRY (trace analysis), On-line & AT line analysis and VISCOMETRY.

Set up in 1995, Metrohm UK serves the key markets of the UK including the chemical, petrochemical and pharmaceutical industries, as well as the automotive and food sectors.