



MIP Technologies AB, Scheelevägen 22, SE- 223 63 Lund, Sweden
Phone +46-46-16 3900
Fax +46-46-16 3901

CONTACT:
Christine Widstrand
MIP Technologies AB
+46-46-163905
www.miptechnologies.com

Sean Battles
Sigma-Aldrich
314-286-7616
sean.battles@sial.com



MIP Technologies and Supelco launch a new SPE application for the selective extraction of chloramphenicol from shrimp

The SupelMIP™ SPE-Chloramphenicol, a new application for extraction of chloramphenicol from shrimp, improves selectivity, decreases the amount of interfering compounds, reduces analysis time and improves detection limits (low ppt range) compared with existing SPE phases on the market.

Lund, Sweden, April 10, 2008. MIP Technologies AB and Supelco, a division of the Sigma-Aldrich® Group (**NASDAQ: SIAL**), announced today the launch of a new SupelMIP™ application for the selective extraction of chloramphenicol from shrimp using SupelMIP™ SPE-chloramphenicol cartridges.

Chloramphenicol (CAP) is a broad spectrum antibiotic that has been determined as a probable causative agent of aplastic anaemia and is a possible carcinogen in humans. Because of these health concerns, the EU, the U.S. and Canada have banned the use of CAP in aqua-culture, food-producing animals and livestock. Today, a zero tolerance level for food is in place since maximum tolerance levels cannot be established for compounds with this level of toxicity.

A simple, fast, selective and highly sensitive solid phase extraction (SPE) application has been developed for trace level determination of CAP in shrimp. Recoveries are above 90%, the extracts show minimized ion suppression and the detection limits are in the low ppt (part per trillion) range.

"This new SupelMIP application in combination with mass spectrometry (MS) detection leads to higher throughput and gives lower detection limits than other methods on the

market, benefits that are particularly advantageous where trace level detection and routine analyses are required," said Dr Christine Widstrand, Chief Business Officer at MIP Technologies.

"The SupelMIP SPE chloramphenicol application for extraction of CAP from shrimp provides improved and significant increases in selectivity relative to conventional hydrophilic polymer SPE. Both attributes are critical for achieving lower limits of detection and quantitation during trace analysis," said An Trinh, Product Manager, Supelco.

The SPE sorbents based on molecularly imprinted polymers have been developed by MIP Technologies. SupelMIP™ is a trademark of Supelco, the worldwide product distributor.

About MIP Technologies:

MIP Technologies AB is a world-leading company in the development of molecularly imprinted polymers (MIPs). The Company is a pioneer in the commercial applications of MIPs, holds important patents and maintains cutting-edge research activities in this area. The Company's mission is to provide innovative products based on molecularly imprinted polymers that serve industry's needs in analytical, preparative and process scale 'selective separations'. The Company has environmental permission to produce MIP phases at the 500 kg level and is well placed to develop large scale separation solutions for its customers. Currently, the Company develops analytical separation products (e.g. SPE) and has multiple custom process scale projects in place with several blue chip companies. MIP Technologies has its headquarters in Lund, Sweden. For more information about MIP Technologies AB visit www.miptechnologies.com

About Sigma-Aldrich:

Sigma-Aldrich is a leading **Life Science and High Technology company**. Its biochemical, analytical, and organic chemical products and kits are used in scientific and genomic research, biotechnology, pharmaceutical development, the diagnosis of disease and as key components in pharmaceutical and other high technology manufacturing. The Company has customers in life science companies, university and government institutions, hospitals, and in industry. Over one million scientists and technologists use its products. Sigma-Aldrich operates in 36 countries and has 7,900 employees providing excellent service worldwide. Sigma-Aldrich is committed to Accelerating Customer Success through Leadership in **Life Science, High Technology and Service**. For more information about Sigma-Aldrich, please visit its award-winning Web site at <http://sigma-aldrich.com>.

Cautionary Statement:

This release contains forward-looking statements relating to future performance, goals, strategic actions and initiatives and similar intentions and beliefs and other statements regarding the Companies' expectations, goals, beliefs, intentions and the like, which involve assumptions regarding the Companies' operations and conditions in the markets the Companies serve. The Companies do not undertake any obligation to update these forward-looking statements.