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SCIENCE & ENGINEERING
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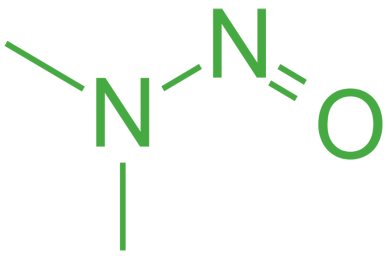
FOR IMMEDIATE RELEASE

Canadian Drinking Water Guidelines for N-Nitrosodimethylamine (NDMA): RPC Offers Analysis

Fredericton, February 5, 2014 - Clients checking compliance with Canadian Drinking Water Guidelines for N-Nitrosodimethylamine (NDMA) can count on RPC to provide accredited analysis.



NDMA has emerged as a contaminant of concern in drinking water. It can be present in drinking water and wastewater primarily as a disinfection byproduct formed during the treatment process, in particular chloramination. NDMA is classified as a probable human carcinogen that also has been found in industrial processes, food products and tobacco smoke.

Health Canada established a drinking water guideline at a maximum acceptable concentration (MAC) of 0.04 µg/L, based on an assessment by the Federal-Provincial-Territorial Committee on Drinking Water (CDW). Additional information on Canadian Drinking Water Quality can be found on Health Canada's website at: http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/2012-sum_guide-res_recom/index-eng.php

RPC conducts NDMA analysis by high resolution gas chromatography/high resolution mass spectrometry (HRGC/HRMS), based on Ontario Ministry of Environment (MOE) Method NDMA-E3291A. Detection limits for water samples are in the range of 0.001 - 0.005 µg/L. Analysis of this parameter is accredited to the ISO 17025 standard by the Standards Council of Canada.

More information on NDMA can be found at: http://www.rpc.ca/english/info/NDMAAnalysis.pdf or contact Joshua Perry at 506.460.5765 to discuss your needs.

About RPC
RPC is New Brunswick's provincial research organization (PRO), an independent contract research and development and technical services organization located in Fredericton, NB. RPC's complement of 98 scientists, engineers and technologists is supported by a 13,000 sq. meter facility housing world-class analytical chemistry and material-testing laboratories, comprehensive life science capabilities, an internationally recognized fish health lab, extensive prototype design, manufacturing and testing services, and a wide variety of pilot facilities for the development and improvement of industrial and environmental processes and products.

RPC is accredited by various organizations including the Standards Council of Canada (SCC) and is ISO 9001:2008 certified. Further information about RPC's services is available from http://www.rpc.ca.

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