

SOURCE: Neptune Technologies & Bioresources Inc.

Neptune Reaches Annualized Production Capacity of 100 Metric Tons *Customer Shipments Commenced*

Laval, Québec, CANADA – September 23, 2014 – Neptune Technologies & Bioresources Inc. (“Neptune” or the “Corporation”) (NASDAQ.NEPT - TSX.NTB), announces that its Sherbrooke plant is now operating at an annualized production capacity of 100 metric tons and customer shipments of Neptune manufactured krill oil products have commenced.

“We are pleased with our plant ramp-up progress to date and expect to reach full operational capacity of 150 metric tons of krill oil products annually in the October/November timeframe,” commented Mr. André Godin, Interim President and Chief Executive Officer of Neptune.

Customer demand remains firm. As many clients decided to wait for Neptune manufactured krill oils, sales for the second quarter ended August 31, 2014 will be below levels seen in recent quarters. However, with production now further established the Corporation expects sales for the third quarter ending November 30, 2014 to be higher than recent quarters. “We remain focused on delivering on our production targets and re-establishing a solid growth path,” concluded Mr. Godin.

About Neptune Technologies & Bioresources Inc.

Neptune is a biotechnology company engaged primarily in the development and commercialization of marine-derived omega-3 polyunsaturated fatty acids (“**PUFAs**”). Neptune has a patented process of extracting oils from Antarctic krill, and principally sells omega-3 PUFAs as **bulk** oil to Neptune’s distributors who commercialize them under their private label primarily in the U.S., European and Australian nutraceutical markets. Neptune’s products generally come in bulk oil or capsule form and serve as a dietary supplement to consumers. Neptune’s head office is located at 545 Promenade du Centropolis, Suite 100, Laval, Quebec.

Neptune holds approximately 49% of the participating and voting rights of Acasti Pharma Inc. (“**Acasti**”) and 95% of the voting rights of NeuroBioPharm Inc. (“**NeuroBio**”). Through these subsidiaries, Neptune is also pursuing opportunities in the medical food and prescription drug markets. Acasti and NeuroBioPharm respectively focus on the research and development of safe and therapeutically effective compounds for highly prevalent atherosclerotic conditions, such as cardiometabolic disorders and cardiovascular diseases, and for neurodegenerative and inflammation related conditions. Acasti’s lead prescription drug candidate is CaPre®, a purified high omega-3 phospholipid concentrate derived from Neptune krill oil being developed to address the prevention and treatment of cardiometabolic disorders, including hypertriglyceridemia, which is characterized by abnormally high levels of triglycerides.

Forward Looking Statements

Statements in this press release that are not statements of historical or current fact constitute “forward-looking statements” within the meaning of the U.S. securities laws and Canadian securities laws. Such forward-looking statements involve known and unknown risks, uncertainties, and other unknown factors that could cause the actual results of Neptune to be materially different from historical results or from any future results expressed or implied by such forward-looking statements. In addition to statements which explicitly describe such risks and uncertainties, readers are urged to consider statements labeled with the terms “believes,” “belief,” “expects,” “intends,” “anticipates,” “will,” or “plans” to be uncertain and forward-looking. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this press release.

The forward-looking statements contained in this news release are expressly qualified in their entirety by this cautionary statement and the “Cautionary Note Regarding Forward-Looking Information” section contained in Neptune’s latest Annual Information Form, which also forms part of Neptune’s latest annual report on Form 40-F, and which is available on SEDAR at www.sedar.com, on EDGAR at www.sec.gov/edgar.shtml and on the investor section of Neptune’s website at www.neptunebiotech.com (the “AIF”). All forward-looking statements in this press release are made as of the date of this press release. Neptune does not undertake to update any such forward-looking statements whether as a result of new information, future events or otherwise, except as required by law. The forward-looking statements contained herein are also subject generally to other risks and uncertainties that are described from time to time in Neptune public securities filings with the Securities and Exchange Commission and the Canadian securities commissions. Additional information about these assumptions and risks and uncertainties is contained in the AIF under “Risk Factors”.

Neither NASDAQ nor the Toronto Stock Exchange accepts responsibility for the adequacy or accuracy of this release.

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