

# CASE STUDY

## CANADA



The high-quality CSM NF is being used for making maple syrup production

### Maple syrup concentration

Location	Quebec
Application	Maple syrup application
Type of Raw Water	Harvested Maple Sap
Purpose of Facility	Maple syrup concentration
Sales since	2013
Applied Products, Quantities (Annual replacement)	NE8040-90: 1,000-1,500EA NE4040-90: 200-300EA



Nanofiltration plays a crucial role in maple syrup production by removing unwanted compounds and impurities from the sap to enhance the quality and purity of the final product.

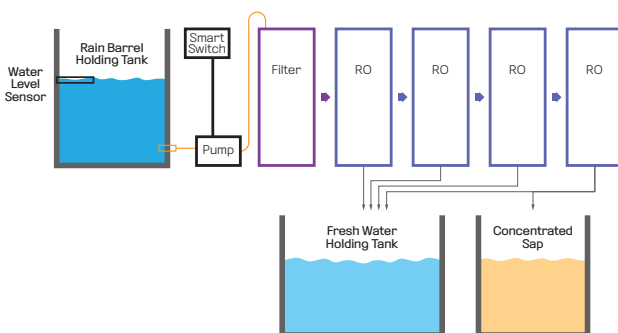
Here's how it works:

- Concentration of Sap
- Removal of Impurities
- Color Improvement
- Consistency and Quality

Overall, nanofiltration technology improves the efficiency and quality of maple syrup production, enabling producers to meet the demands of discerning consumers while maintaining the natural characteristics and purity of this beloved natural sweetener.

CSM NF boasts the highest quality maple syrup production using maple trees without any additives from pristine areas in Canada, and TAK has been supplying various sizes of NF through very rigorous quality control since 2013. It's the reason why maple syrup has been loved and used in production for over 10 years.

We will continue to focus on research and development to provide CSM NF products optimised for the production of various F&B products of the highest quality.



### CSM NF is used in various fields.

It is widely used not only in the F&B sector but also in drinking water, wastewater treatment, chemical separation and refinement, pharmaceuticals, and recovering valuable resources from seawater or highly concentrated salt lakes.

With R&D and production based in Korea, we are expanding sales worldwide through the TORAY Group's global network.

CONTACT INFO

