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Title: Determination of optimum conditions in forward osmosis using a combined Taguchi-Neural approach

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**Highlights**

- ❖ Commercial HTI-CTA FO membrane and ground water as feed solution was used.
- ❖ Feed-draw flow rate and feed-draw temperature were chosen as operating factors.
- ❖ Cost effective optimum conditions were evaluated using Taguchi and ANOVA.
- ❖ Predictions were done for desired inputs by trained neural network.
- ❖ Draw solution temperature was found dominant factor in FO process.

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