



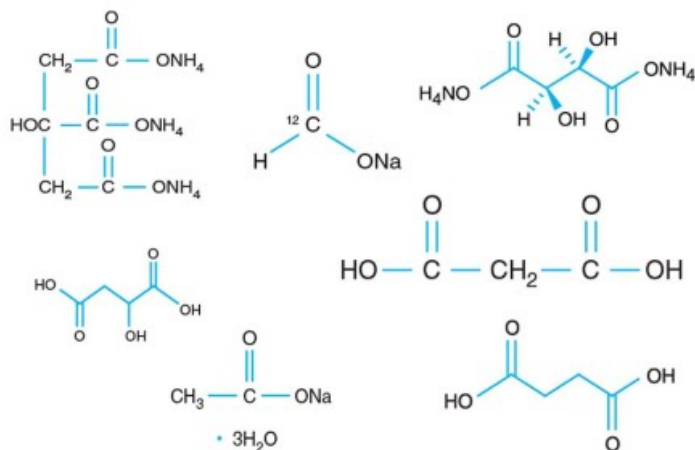
# 100% Tacsimate pH 4.0 - 200 ml

Crystallization grade Tacsimate for formulating screens or for optimization

## Product codes:

Reference: HR 2823

## Product gallery:



## Product description:

- Sterile filtered solution
- Formulated in Type 1+ ultrapure water: 18.2 megaohm-cm resistivity at 25°C, 5 ppb Total Organic Carbon, bacteria free (1 Bacteria (CFU/ml)), pyrogen free (0.03 Endotoxin (EU/ml)), RNase-free (0.01 ng/mL) and DNase-free (4 pg/μL)

To screen pH as a crystallization variable using Tacsimate one can mix together different ratios of different pH Tacsimate solutions. Refer to the pdf "Mixing Tacsimate Stocks to Screen pH" on this page. Or, one can add a buffer to the crystallization reagent containing Tacsimate. Recommended final buffer concentration in the reagent well is 0.05 to 0.1 M.

## Tacsimate

A pH titrated mixture of organic acids. 1.8305 M Malonic acid, 0.25 M Ammonium citrate tribasic, 0.12 M Succinic acid, 0.3 M DL-Malic acid, 0.4 M Sodium acetate trihydrate, 0.5 M Sodium formate, 0.16 M Ammonium tartrate dibasic. pH adjusted using NaOH

Measured pH of 100% Tacsimate is 4.0 at 25°C

Measured pH of 100% Tacsimate is 5.0 at 25°C

Measured pH of 100% Tacsimate is 6.0 at 25°C

Measured pH of 100% Tacsimate is 7.0 at 25°C

Measured pH of 100% Tacsimate is 8.0 at 25°C



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Measured pH of 100% Tacsimate is 9.0 at 25°C

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

**Product features:**

CRF - TIPO: Tacsimate pH 4