

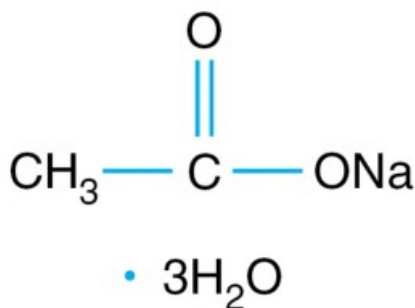


1.0 M Sodium acetate trihydrate - 100 ml

Crystallization grade Sodium acetate trihydrate buffer for formulating screens or for optimization

Product codes:

Reference: HR 2569

**Product gallery:****Product description:**

- Sterile filtered
- 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/uL)

Formulated from Sodium acetate trihydrate

Synonyms: Acetic acid sodium salt trihydrate

$\text{C}_2\text{H}_3\text{NaO}_2 \cdot 3\text{H}_2\text{O}$

$\text{CH}_3\text{COONa} \cdot 3\text{H}_2\text{O}$

Mr 136.08

CAS Number [6131-90-4]

EC Number 204-823-8

Merck 14,8571

Beilstein Registry Number 3732037

RTECS AJ4580000

MDL Number MFCD00071557

Purity ? 99.5%

pKa = 4.8

The useful pH range of a Sodium acetate trihydrate buffer is pH 3.6 - 5.6.



Titrate HR2-569 to the desired pH using HCl

HR2-569 Measured pH Range: 8.7 - 9.3 at 25°C

HR2-569 Measured Conductivity Range: 48.0 - 51.7 mS/cm at 25°C

HR2-569 Measured Refractive Index Range: 1.34392 - 1.34415 at 20°C

HR2-789 has been titrated to pH 4.5 using HCl

HR2-789 Measured Conductivity Range: 60.8 - 67.7 mS/cm at 25°C

HR2-789 Measured Refractive Index Range: 1.34530 - 1.34579 at 20°C

HR2-731 has been titrated to pH 4.6 using HCl

HR2-731 Measured Conductivity Range: 59.3 - 64.5 mS/cm at 25°C

HR2-731 Measured Refractive Index Range: 1.34535 - 1.345745 at 20°C

Al ?0.0005%

As ?0.00001%

Bi ?0.0005%

Ca ?0.001%

Cd ?0.0005%

Cl ?0.0005%

Co ?0.0005%

Cr ?0.0005%

Cu ?0.0005%

Fe ?0.0005%

K ?0.005%

Li ?0.0005%

Mg ?0.0005%

Mn ?0.0005%

Mo ?0.0005%

Ni ?0.0005%

Pb ?0.0005%

PO4 ?0.0005%

SO4 ?0.002%

Sr ?0.0005%

Zn ?0.0005%

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

Product features:

CRF - TIPO: Sodium acetate trihydrate Buffer