SO0032 Sodium acetate anhydrous, EssentQ®

assay (titration with $HClO_4$, on dried sample) . . . . . 99 - 101 %
appearance of solution (10 %, H_2O) . . . . . .passes test
pH (5 %, H_2O) . . . . . 7,5 - 9,2
insoluble in water . . . . . .max. 0,05 %
acidity (as CH_3COOH) . . . . . .max. 0,01 %
alkalinity (as NaOH) . . . . . .max. 0,01 %
chlorides (Cl) . . . . . .max. 0,005 %
sulfates (SO_4) . . . . . .max. 0,005 %
aluminium (Al) . . . . . .max. 0,005 %
arsenic (As) . . . . . .max. 0,0002 %
calcium and magnesium (as Ca) . . . . . .passes test
heavy metals (as Pb) . . . . . .max. 0,001 %
iron (Fe) . . . . . .max. 0,001 %
potassium (K) . . . . . .max. 0,05 %
zinc (Zn) . . . . . .max. 0,0025 %
substances reducing $KMnO_4$ . . . . . .passes test
loss on drying (130°C) . . . . . max. 1 %

ART. NO.	VOLUME	CONTAINER
SO00320500	500 g	P
SO00321000	1 kg	P
SO0032005P	5 kg	P
SO0032025P	25 kg	P

SO0035 Sodium acetate anhydrous, ExpertQ®, for analysis, ACS, Reag. Ph Eur

assay (titration with $HClO_4$) . . . . . min. 99,0 %
identity . . . . . .passes test
appearance of solution (10 %, H_2O) . . . . . .passes test
insoluble in water . . . . . .max. 0,01 %
pH (5 %, H_2O) . . . . . 7,0 - 9,2
chlorides (Cl) . . . . . .max. 0,002 %
phosphates (as PO_4) . . . . . .max. 0,001 %
sulfates (SO_4) . . . . . .max. 0,003 %
aluminium (Al) . . . . . .max. 0,001 %
calcium (Ca) . . . . . .max. 0,005 %
copper (Cu) . . . . . max. 3 ppm
heavy metals (as Pb) . . . . . .max. 0,001 %
iron (Fe) . . . . . .max. 0,001 %
magnesium (Mg) . . . . . .max. 0,002 %
potassium (K) . . . . . .max. 0,05 %
loss on drying (120 °C) . . . . . max. 1,0 %

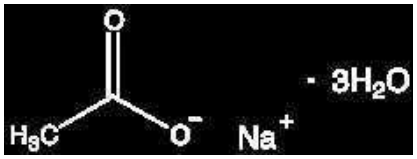
ART. NO.	VOLUME	CONTAINER
SO00350250	250 g	P
SO00350500	500 g	P
SO00351000	1 kg	P
SO0035005P	5 kg	P
SO0035025P	25 kg	P

SO0036 Sodium acetate anhydrous, molecular biology grade

assay (titration with $HClO_4$) . . . . . .min. 99 %
absorbance of an aqueous solution 0,1 M in a 1 cm cell at 260 nm . . . . . max. 0,01 AU
absorbance of an aqueous solution 0,1 M in a 1 cm cell at 280 nm . . . . . max. 0,01 AU
heavy metals (as Pb) . . . . . .max. 0,001 %
DNases, RNases, Proteases . . . . . non detected

ART. NO.	VOLUME	CONTAINER
SO00360500	500 g	P
SO00361000	1 kg	P
SO0036005P	5 kg	P

SODIUM ACETATE TRIHYDRATE



- Synonyms: Acetic acid sodium salt trihydrate
- $CH_3COONa·3H_2O$
- M = 136,08 g/mol
- CAS [6131-90-4]
- EINECS-No.: 204-823-8
- Solub. in water: (20 °C): 613 g/l
- Melting point: 58 °C
- Boiling point: > 400 °C (anhydrous substance) (decomposes)
- Flash pt. > 250 °C (anhydrous substance)
- Ignition temp.: 607 °C
- LD 50 (oral, rat): 3530 mg/kg (anhydrous substance)
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, laboratory reagent, in the pharmaceutics industry, in food industry (E 262), in buffer solutions (for biology).

SO0024 Sodium acetate trihydrate, extra pure, Pharmpur®, Ph Eur, BP, USP

assay (titr. with $HClO_4$, referred to dried sample) . . . . . 99,0 - 101,0 %
identification . . . . . .passes test
appearance of solution . . . . . .clear and colourless
insoluble in water . . . . . .max. 0,05 %
pH (3 %, H_2O) . . . . . 7,5 - 9,2
pH (5 %, H_2O) . . . . . 7,5 - 9,0
chlorides (Cl) . . . . . max. 200 ppm
sulfates (SO_4) . . . . . max. 50 ppm
arsenic (As) . . . . . .max. 0,2 ppm
calcium and magnesium (as Ca) . . . . . max. 50 ppm
iron (Fe) . . . . . max. 10 ppm
potassium (K) . . . . . .passes test
reducing substances . . . . . .passes test
loss on drying (120 °C) . . . . . 38,0 - 41,0 %
loss on drying (130 °C) . . . . . 39,0 - 40,5 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
SO00240500	500 g	P
SO00241000	1 kg	P
SO0024005P	5 kg	P
SO0024025P	25 kg	P

SO0025 Sodium acetate trihydrate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur

assay (titration with $HClO_4$) . . . . . 99,0 - 101,0 %
assay (titr. with $HClO_4$, referred to dried sample) . . . . . 99,0 - 101,0 %
identity (IR-spectrum) . . . . . .passes test
appearance of solution . . . . . .clear and colourless
insoluble in water . . . . . .max. 0,005 %
pH (5 %, H_2O) . . . . . 7,5 - 9,0
arsenic (As) . . . . . .max. 0,2 ppm
chlorides (Cl) . . . . . max. 5 ppm
phosphates (as PO_4) . . . . . max. 2 ppm
sulfates (SO_4) . . . . . .max. 0,002 %
aluminium (Al) . . . . . max. 5 ppm
calcium (Ca) . . . . . .max. 0,001 %
calcium and magnesium (as Ca) . . . . . .max. 0,005 %
copper (Cu) . . . . . max. 3 ppm
heavy metals (as Pb) . . . . . max. 5 ppm
iron (Fe) . . . . . max. 5 ppm
lead (Pb) . . . . . max. 5 ppm
magnesium (Mg) . . . . . max. 5 ppm
potassium (K) . . . . . .max. 0,005 %
zinc (Zn) . . . . . max. 5 ppm
reducing substances . . . . . .passes test
substances reducing $KMnO_4$ (as HCOOH) . . . . . .max. 0,005 %
loss on drying (130 °C) . . . . . 39,0 - 40,5 %

ART. NO.	VOLUME	CONTAINER
SO00250500	500 g	P
SO00251000	1 kg	P
SO0025005P	5 kg	P
SO0025025P	25 kg	P