Scharlau
The wise choice

SO0355 Sodium fluoride, extra pure, Pharmpur®, Ph Eur, BP, USP

assay (complexometric, on dried sample) . . . . . 98,5 - 100,5 %
identification . . . . . .passes test
appearance of solution . . . . . .clear and colourless
acidity or alkalinity . . . . . .passes test
chlorides (Cl) . . . . . max. 0,012 %
fluorosilicates . . . . . .passes test
sulfates (SO_4) . . . . . max. 200 ppm
loss on drying (130 °C) . . . . . .max. 0,5 %
loss on drying (150 °C) . . . . . .max. 1,0 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

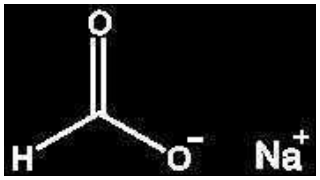
ART. NO.	VOLUME	CONTAINER
SO03551000	1 kg	
SO0355005P	5 kg	

SO0323 Sodium fluoride, ExpertQ®, for analysis, ACS, ISO

assay (complexometric) . . . . . .min. 99 %
insoluble in water . . . . . .max. 0,01 %
acidity . . . . . max. 0,03 meq/g
alkalinity . . . . . max. 0,01 meq/g
chlorides (Cl) . . . . . .max. 0,003 %
phosphates (as PO_4) . . . . . .max. 0,0005 %
sulfates (SO_4) . . . . . .max. 0,01 %
sulfites (SO_3) . . . . . .max. 0,005 %
sodium fluorosilicate (Na_2SiF_6) . . . . . max. 0,1 %
copper (Cu) . . . . . .max. 0,0005 %
heavy metals (as Pb) . . . . . .max. 0,001 %
iron (Fe) . . . . . .max. 0,002 %
lead (Pb) . . . . . .max. 0,001 %
potassium (K) . . . . . .max. 0,02 %
loss on drying (150 °C) . . . . . .max. 0,2 %

ART. NO.	VOLUME	CONTAINER
SO03230500	500 g	
SO03231000	1 kg	
SO0323005P	5 kg	
SO0323025P	25 kg	

SODIUM FORMATE



- Synonyms: Formic acid sodium salt
- NaOOCH
- M = 68,01 g/mol
- CAS [141-53-7]
- EINECS-No.: 205-488-0
- Solub. in water: (20 °C): 820 g/l
- Melting point: 255 °C
- LD 50 (oral, rat): 11200 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2915 12 00 00
- Applications: analytical chemistry, laboratory reagent, solvents, chromatography, precipitant for: noble metals, for extraction of phosphates in soil samples, synthesis of organic products.

SO0324 Sodium formate, EssentQ®

assay (iodometric) . . . . . .min. 98 %
insoluble in water . . . . . .max. 0,025 %
pH (5 %, H_2O) . . . . . 7,0 - 8,5
acidity (as HCOOH) . . . . . max. 0,1 %
chlorides (Cl) . . . . . .max. 0,005 %
phosphates (as PO_4) . . . . . .max. 0,01 %
sulfates (SO_4) . . . . . .max. 0,01 %
copper (Cu) . . . . . .max. 0,002 %
iron (Fe) . . . . . .max. 0,002 %
lead (Pb) . . . . . .max. 0,002 %
nickel (Ni) . . . . . .max. 0,002 %

ART. NO.	VOLUME	CONTAINER
SO03240500	500 g	

SO0326 Sodium formate, ExpertQ®, for analysis, ACS, Reag. Ph Eur

assay (iodometric) . . . . . .min. 99 %
insoluble in water . . . . . .max. 0,005 %
pH (5 %, H_2O) . . . . . 7,0 - 8,5
acidity (as HCOOH) . . . . . .max. 0,05 %
chlorides (Cl) . . . . . .max. 0,001 %
phosphates (as PO_4) . . . . . .max. 0,001 %
sulfates (SO_4) . . . . . .max. 0,001 %
calcium (Ca) . . . . . .max. 0,005 %
heavy metals (as Pb) . . . . . max. 5 ppm
iron (Fe) . . . . . max. 5 ppm
lead (Pb) . . . . . .max. 0,001 %
loss on drying (150 °C) . . . . . .max. 0,5 %

ART. NO.	VOLUME	CONTAINER
SO0326005P	5 kg	

SO0325 Sodium formate, HPLC grade

assay (iodometric) . . . . . min. 99,5 %
identity (IR-spectrum) . . . . . .passes test
insoluble matter . . . . . .passes test
pH (5 %, H_2O) . . . . . 7,0 - 8,5
heavy metals (as Pb) . . . . . max. 5 ppm
iron (Fe) . . . . . max. 5 ppm
max. absorbance of an aqueous sol. 10 % in a 1,0 cm cell at wavelength — absorbance
260 nm . . . . . 0,05 AU
270 nm . . . . . 0,04 AU
300 nm . . . . . 0,03 AU
330 nm . . . . . 0,02 AU

ART. NO.	VOLUME	CONTAINER
SO03250250	250 g	