



## Specification

Concerning Product:	
Article number	7681494QQP
Trade name / designation / denomination	SODIUM FLUORIDE QP, PH.EUR. 9ED.,USP 41
CAS number	7681-49-4
Other names / synonyms	•sodium fluoride;
EC number	231-667-8
EC index number	009-004-00-7
Customs tariff number / CN code / TARIC	28261910
Molecular weight [g / mol]	41,99
Formula	NaF FNa
<small>Toxic if swallowed. Causes skin irritation. Causes serious eye irritation.  IF IN EYES: IF exposed or if you feel unwell. Immediately call a POISON CENTER or doctor/physician. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Wash with plenty of soap and water.</small>	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance of solution	Passes test	
Appearance	white powder	
<b>Physical parameter</b>		
Acidity/Alkalinity	Passes test	
Loss on drying	@ 130°C ≤ 0,5	%
Loss on drying	@ 150°C ≤ 1,0	%
<b>Identity</b>		
Assay	98,5 – 100,5	%
Identification	passes test	
<b>Impurities</b>		
Heavy Metals (as Pb)	≤ 0,003	ppm
Sulphates (SO <sub>4</sub> )	≤ 0,02	%
Impurity	Fluorosilicates: Passes test	%
<b>Elemental Impurities</b>		
Chlorides (Cl)	≤ 0,012	%

### Supplemental information:

**Shelf life:** 60 month

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Oct. 2019

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