



Specification

Concerning Product:	
Article number	7681494V01
Trade name / designation / denomination	Natriumfluorid, min. 99 %, reinst Sodium fluoride, >=99 %, extra pure
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
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.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	white powder	
Odour	odourless	
Physical parameter		
Loss on drying	≤ 0,1	%
Identity		
Assay	(titr.) ≥ 99,0	%
Impurities		
Sulphates (SO ₄)	≤ 0,02	%
Impurity	Free alkali (as NaOH): ≤ 0,1	%
Impurity	Sodium hexafluorosilicate (Na ₂ SiF ₆): ≤ 0,02	%
Elemental Impurities		
Arsenic (As)	≤ 0,5	ppm
Chlorides (Cl)	≤ 0,01	%
Iron (Fe)	≤ 50	ppm
Lead (Pb)	≤ 1	ppm

Supplemental information:

Usage: This product is tested for laboratory use only.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Aug. 2025

LF-Basis: (2025-01-01)

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