




## Specification

Concerning Product:	
Article number	151213BIT
Trade name / designation / denomination	Natrium Lauryl Sulfat
CAS number	151-21-3
Other names / synonyms	•Texapon V95G; •Natriumdodecylsulfat; •Sodium Dodecyl Sulfate; •Sodium Lauryl Sulfate
EC number	205-788-1
Customs tariff number / CN code / TARIC	29209010
Molecular weight [g / mol]	288.379
Formula	C <sub>12</sub> H <sub>25</sub> NaO <sub>4</sub> S
<b>Danger</b> 	UN 2926 / UN 1325, 4.1, III
Flammable solid. Harmful if swallowed. Toxic in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	corresponds to standard	
Form	beads	
Colour	white to off-white	
Odour	faint odor (corresponds to standard)	
<b>Physical parameter</b>		
Moisture	≤ 2,0	%
pH value	1% @ 20°C: 8,5 – 10,0	
<b>Identity</b>		
Assay	Anionic surfactant: 95,0 – 99,0 %	%
Assay	Fatty alcohol: ≤ 59,0	%
<b>Impurities</b>		
Sodium Sulphate	≤ 3,5	%
Heavy Metals (as Pb)	conforms to DAB 10 V3.2.8	
Impurity	Sodium chloride ≤ 1,0	%
Impurity	Unsulphated matter ≤ 1,5	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 3	ppm

### **Supplemental information:**

**Shelf life:** 24 months

**Storage conditions:** In original sealed containers and protected from moisture (< + 40 °C).

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 11. Feb. 2021

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