



## Specification

Concerning Product:	
Article number	9067327AIC
Trade name / designation / denomination	Hyaluronsäure Natrium, 90% Natriumhyaluronat
CAS number	9067-32-7
Other names / synonyms	•Hyaluronic acid, sodium salt;
EC number	618-620-0
Customs tariff number / CN code / TARIC	39139000

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance		powder	
Colour		white to off-white	
<b>Physical parameter</b>			
Acidity/Alkalinity		Glucuronic $\geq 44,0$	
Acidity/Alkalinity		Glucuronsäure $\geq 44,0$	
Loss on drying		$\leq 10,0$	%
pH value		5,0 – 7,5	
Bulk density		0,2 – 0,3	g/ml
<b>Identity</b>			
Assay		$\geq 90,0$	%
<b>Impurities</b>			
Residue on ignition		(500 - 600°) $\leq 20,0$	%
Heavy Metals (as Pb)	EC 1881/2006	$\leq 10,0$	mg/kg
<b>Elemental Impurities</b>			
Arsenic (As)	EC 1881/2006	$\leq 1,0$	mg/kg
Cadmium (Cd)	EC 1881/2006	$\leq 1,0$	mg/kg
Chlorides (Cl)		$\leq 0,5$	%
Iron (Fe)		$\leq 80,0$	mg/kg
Mercury (Hg)	EC 1881/2006	$\leq 0,1$	mg/kg
Lead (Pb)	EC 1881/2006	$\leq 3,0$	mg/kg
<b>Nutritional data</b>			
Protein		$\leq 0,1$	%
<b>Microbiological data</b>			
Escherichia Coli.	DGHM	neg	
Salmonella	DGHM	neg. in 25g	
Total Plate Count	DGHM	$\leq 100$	CFU/g
Yeast and Mould	DGHM	$\leq 50$	CFU/g

**Annotation:**

Product does not meet the criteria for classification as dangerous in accordance with EU regulation (EC) No 1272/2008 and its modifications, therefore is not subject to the obligation to provide a Material Safety Data Sheet according to EU regulation (EC) No 1907/2006 and its modifications.

Product is free of allergens according to Regulation (EU) No. 1169/2011 Annex II.  
Product is GMO free and complies to Regulations (EC) No. 1829/2003 and 1830/2003.  
Product is irradiation free according to Directive EC 1992/2/EG and 1169/2011.  
Product conforms to PAH regulation EC No. 1881/2006.  
Product conforms to Pesticide regulation EC No. 396/2005.  
Product conforms to solvent directive EC 2009/32.  
Product conforms to TSE/BSE regulation EC No. 999/2001.

Product is Kosher and Halal certified

Product is suitable and safe for human consumption according to Regulation EC 178/2002.  
Product is suitable for vegetarian or vegan diets.

\* **(Transparency):** 0.1 % Solution  $\geq$  99,0

**Supplemental information:**

**Shelf life:** 36 month

**Regional origin:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 24. Nov. 2021

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