



## Specification

Concerning Product:	
Article number	24634615ANLP
Trade name / designation / denomination	Kaliumsorbitat, Pulver
CAS number	24634-61-5
Other names / synonyms	•Potassium (E,E)-sorbate; •Potassium Sorbate; •Potassium Sorbate powder; •potassium (2E,4E)-hexa-2,4-dienoate; •potassium (E,E)-hexa-2,4-dienoate;
EC number	246-376-1 246-376-1
Customs tariff number / CN code / TARIC	29161995
Molecular weight [g / mol]	150,22
Formula	C6H7KO2
<b>Warning</b>	
Causes skin irritation. Causes serious eye irritation. Do not get in eyes, on skin, or on clothing. Wash with plenty of soap and water.	

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance	FCC /E202	White Granular or white powder	
<b>Physical parameter</b>			
Acidity/Alkalinity		(as Sorbic acid) NMT 1,0	%
Distillation range	FCC /E202	80	°C
Heat stability	FCC /E202	no change in colour after heating for 90 minutes at 105 °C	
Heat stability	FCC /E202	No discoloration (105°C,90min)	
Loss on drying		NMT 1,0	%
pH value		8,5 – 10,5	
<b>Identity</b>			
Assay	FCC /E202	99,0 – 101,0	%
Identification	FCC /E202	Add a few drops of bromine TS to 2 mL of the sample solution,the color disappears	
<b>Impurities</b>			
Aldehydes		NMT 0,1	%
Free Alkali (Ca(OH) <sub>2</sub> )		(as K <sub>2</sub> CO <sub>3</sub> ) NMT 1,0	%
Heavy Metals (as Pb)		NMT 10	mg/kg
<b>Elemental Impurities</b>			
Arsenic (As)		NMT 2	mg/kg
Mercury (Hg)		NMT 0.1	mg/kg
Lead (Pb)		NMT 2	mg/kg

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Feb. 2022

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