



Specification

Concerning Product:	
Article number	34010
Trade name / designation / denomination	Phenolphthalein weiß
CAS number	77-09-8
Other names / synonyms	•phenolphthalein;
EC number	201-004-7
EC index number	604-076-00-1
Customs tariff number / CN code / TARIC	29322010
Molecular weight [g / mol]	318,32
Formula	C ₂₀ H ₁₄ O ₄
Danger	
Suspected of causing genetic defects . May cause cancer . Suspected of damaging fertility or the unborn child . Obtain special instructions before use. Use personal protective equipment as required. IF exposed or concerned: Get medical advice/attention.	

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	color A: ≤ 0,150	
Appearance	white powder	
Physical parameter		
Acidity/Alkalinity	complies	
Loss on drying	≤ 0,5	%
Melting range	≤ 260	°C
Identity		
Assay	98,0 – 101,0	%
Identification	complies	
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Sulphated ash	≤ 0,1	%
Sulphates (SO ₄)	≤ 200	ppm
Impurity	Chromatographic: ≤ 1,0	%
Related substances	≤ 0,5	%
Elemental Impurities		
Arsenic (As)	≤ 8	ppm
Chlorides (Cl)	≤ 100	ppm
Fluorine (F)	Fluoran: complies	
Organic volatile impurities		
Org. volat. Imp. Total	complies	

Supplemental information:

Shelf life: 4 years

Complies with monographie: BP2018/EP9/USP23

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Mar. 2022

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