



Specification

Concerning Product:	
Article number	93141HCP
Trade name / designation / denomination	Guaifenesin
CAS number	93-14-1
Other names / synonyms	•3-(2-methoxyphenoxy)propane-1,2-diol; •guaifenesin;
EC number	202-222-5
Customs tariff number / CN code / TARIC	29094980

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear and colourless	
Appearance	White or almost white, crystalline powder	
Physical parameter		
Acidity/Alkalinity	(0,01MHCL) ≤ 0,1	ml
Acidity/Alkalinity	(0,01MNaOH) ≤ 0,1	ml
Loss on drying	≤ 0,5	%
Solubility	Sparingly soluble in water, soluble in alcohol	
Identity		
Assay	98,0 – 102,0	%
Identification	Infrared absorption: Concordant with the RS spectrum	
Impurities		
Heavy Metals (as Pb)	≤ 25	ppm
Sulphated ash	≤ 0,1	%
Impurity	A: ≤ 0,1	%
Impurity	Any other: ≤ 0,10	%
Impurity	B: ≤ 1,0	%
Impurity	C: ≤ 0,5	%
Impurity	D: ≤ 0,5	%
Impurity	Total (excluding impurity B): ≤ 1,0	%
Elemental Impurities		
Chlorides (Cl)	and monochlorhydrines: ≤ 250	ppm

Supplemental information:

Shelf life: 5 years

Packing: 25 kg drum

Conclusion: Conform to EP 9.0

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. Nov. 2019

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