




Specification

Concerning Product:	
Article number	87285-EEU
Trade name / designation / denomination	Hydroxyethyl Salicylat Gycol Salicylat, Ethylenglycolmonosalic.
CAS number	87-28-5
Other names / synonyms	•2-hydroxyethyl salicylate; •Ethylene glycol monosalicylate; •Hydroxyethylsalicylate;
EC number	201-737-2
Customs tariff number / CN code / TARIC	29182300
Molecular weight [g / mol]	182,18
Formula	C ₉ H ₁₀ O ₄
Warning 	n/a, ,
Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Do not get in eyes, on skin, or on clothing.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance of solution		A 5% [w/v] solution in 80% aqueous alcohol is clear and colourless	
Appearance		Oily colourless to almost colourless liquid or fused crystalline mass dependant on temperature	
Physical parameter			
Acidity/Alkalinity	Ph.Eur.	Complies with test	
Refraction index		1,548 – 1,551	
Relative density		@ 20 °C 1,252 – 1,257	
Identity			
Assay		98 – 102	% [w/w]
Infrared absorbtion spectrometry		Conforms with standard	
Impurities			
Free salicylic acid		≤ 0,25	% [w/w]
Sulphated ash		≤ 0,1	% [w/w]
Sulphates (SO ₄)		≤ 250	ppm
Related substances	HPLC	Cyclic ether: ≤ 0,5	% [w/w]
Related substances	HPLC	Diethylene Glycol Salicylate: ≤ 0,5	% [w/w]
Related substances	HPLC	Ethylene Glycol Disalicylate: ≤ 1	% [w/w]
Related substances	TLC	Ethylene glycol: ≤ 0,5	% [w/w]
Related substances	HPLC	Individual unknowns: ≤ 0,1	% [w/w]
Related substances	HPLC	Methyl Salicylate: ≤ 0,5	% [w/w]
Related substances	TLC	Other products (each): ≤ 1	% [w/w]
Related substances	HPLC	Phenol: ≤ 0,1	% [w/w]
Related substances	HPLC	Total related substances: ≤ 1,25	% [w/w]
Elemental Impurities			
Chlorides (Cl)		≤ 100	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 25. Feb. 2019

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