



Spezifikation

Produktbezug:	
Produktnummer	87285-EEU
Handelsname / Bezeichnung	Hydroxyethyl Salicylat Gycol Salicylat, Ethylenglycolmonosalic.
CAS Nummer	87-28-5
Andere Bezeichnungen / Synonyme	•2-Hydroxyethylsalicylat; •2-hydroxyethyl salicylate; •Ethylene glycol monosalicylate; •Ethylenglycolmonosalicylat; •Hydroxyethylsalicylat; •Hydroxyethylsalicylate;
EG Nummer	201-737-2
Zolltarifnummer / CN-Code	29182300
Molekulargewicht [g/mol]	182,18
Formel	C ₉ H ₁₀ O ₄
Achtung  n/a, ,	
Gesundheitsschädlich bei Verschlucken. Verursacht Hautreizungen. Verursacht schwere Augenreizung. Nicht in die Augen, auf die Haut oder auf die Kleidung gelangen lassen.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		Eine 5%ige [w/v] Lösung in 80%igem wässrigem Alkohol ist klar und farblos.	
Aussehen		Ölige farblose bis fast farblose Flüssigkeit oder kondensierte kristalline Masse in Abhängigkeit von der Temperatur.	
Physikalische Parameter			
Säuregehalt	Ph.Eur.	Complies with test	
Brechungsindex		1,548 – 1,551	
Relative Dichte		@ 20 °C 1,252 – 1,257	
Identifikation			
Gehalt		98 – 102	% [w/w]
Infrarot Spektroskopie		entspricht dem Standard	
Verunreinigungen			
freie Salicylsäure		≤ 0,25	% [w/w]
Sulphatasche		≤ 0,1	% [w/w]
Sulphat (SO ₄)		≤ 250	ppm
Verwandte Substanzen	TLC	Andere Produkte (jedes): ≤ 1	% [w/w]
Verwandte Substanzen	HPLC	Cyclic ether: ≤ 0,5	% [w/w]
Verwandte Substanzen	HPLC	Diethylene Glycol Salicylate: ≤ 0,5	% [w/w]
Verwandte Substanzen	HPLC	Ethylene Glycol Disalicylate: ≤ 1	% [w/w]
Verwandte Substanzen	TLC	Ethylene glycol: ≤ 0,5	% [w/w]
Verwandte Substanzen	HPLC	Individual unknowns: ≤ 0,1	% [w/w]
Verwandte Substanzen	HPLC	Methyl Salicylate: ≤ 0,5	% [w/w]
Verwandte Substanzen	HPLC	Phenol: ≤ 0,1	% [w/w]
Verwandte Substanzen	HPLC	Total related substances: ≤ 1,25	% [w/w]
Elementare Verunreinigungen			
Chloride (Cl)		≤ 100	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 25. Feb. 2019

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