



## Specification

Concerning Product:	
Article number	120478-CKOS
Trade name / designation / denomination	Ethyl-4-hydroxybenzoat kosmetikquantität
CAS number	120-47-8
Other names / synonyms	•ethyl 4-hydroxybenzoate; •Ethylparabene; •4-hydroxybenzoic acid ethyl ester; •CATALASE; •ETHYL p-HYDROXYBENZOATE; •Ethyl 4-Hydroxybenzoate; •Ethyl 4-Hydroxybenzoate [for Biochemical Research]; •Ethyl 4-hydroxybenzoate; •Ethyl Paraben; •Ethyl-4-Hydroxybenzoate with HPLC [120-47-8]; •Ethylparaben; •Ethylparaben, NF; •ethyl 4-hydroxybenzoate;
EC number	204-399-4
Customs tariff number / CN code / TARIC	29182900
Molecular weight [g / mol]	166.1739
Formula	C <sub>9</sub> H <sub>10</sub> O <sub>3</sub>

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance of solution	Ph. Eur.	10% in Ethanol: ≤ BY6	
Colour		white	
<b>Physical parameter</b>			
Acidity/Alkalinity	Ph. Eur. (titrimetric)	(ml 0.1M NaOH/0.2g): ≤ 0,1	
Form		powder	
Loss on drying		≤ 0,5	%
Melting range		115,0 – 118,0	°C
Solubility	Ph. Eur.	10% in Ethanol: clear	
<b>Identity</b>			
Assay	Ph. Eur. (HPLC)	98,0 – 102,0	%
<b>Impurities</b>			
Sulphated ash		≤ 0,1	%
Impurity	Ph. Eur.	p-HBA: ≤ 0,5	%
Impurity	Ph. Eur.	total: ≤ 1,0	%
Impurity	Ph. Eur.	unspecified: ≤ 0,5	%

### Regulatory information:

**Residual solvents (GC):** Ethanol: ≤ 5000 ppm

### Supplemental information:

**Released by manufacturer:** 2013-01-18

**Note:** Identification FTIR (Ph. Eur.) and Organic volatile impurities (USP/NF) are fulfilled.

**Complies with monographie:** Cosmetic Grade-Updated to conform to current BP, Ph.Eur and USP/NF testing requirements.

**Regional origin:** CN

**Version of manufacturer:** 4

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Feb. 2019

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