



## Specification

Concerning Product:	
Article number	121799JEP
Trade name / designation / denomination	Propyl gallate, EP
CAS number	121-79-9
Other names / synonyms	•3,4,5-trihydroxybenzoic acid propyl ester; •N-PROPYL GALLATE; •Propyl Gallate; •Propyl Gallate, FCC; •Propyl Gallate, NF; •Propyl gallate; •n-PROPYL GALLATE; •n-Propyl 3,4,5-trihydroxybenzoate; •propyl 3,4,5-trihydroxybenzoate;
EC number	204-498-2
EC index number	607-198-00-3
Customs tariff number / CN code / TARIC	29182900
Molecular weight [g / mol]	212,20
Formula	C10H12O5
<b>Warning</b>	
Harmful if swallowed. May cause an allergic skin reaction. Wear protective gloves/protective clothing/eye protection/face protection.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Colour	white	
<b>Physical parameter</b>		
Form	crystalline powder	
Loss on drying	≤ 0,5	%
Melting range	148,0 – 151,0	°C
Solubility	in Ethanol (96%): clear	
<b>Identity</b>		
Assay	98,0 – 102,0	%
<b>Impurities</b>		
Heavy Metals (as Pb)	≤ 10	ppm
Sulphates (SO <sub>4</sub> )	≤ 0,1	%
Total Chlorines	≤ 200	ppm
Impurity	Gallic acid: ≤ 0,5	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	ppm
Chlorides (Cl)	≤ 100	ppm
Zinc (Zn)	≤ 25	ppm

### Supplemental information:

**Shelf life:** 2 years

**Complies with monographic:** EP10.0

**Regional origin:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Jan. 2020

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