



## Specification

Concerning Product:	
Article number	1401554BEPU
Trade name / designation / denomination	Tanninsäure EP/USP/NF
CAS number	1401-55-4
Other names / synonyms	•TANNIC ACID; •TANNIC ACID, ACS; •Tannic Acid, FCC; •Tannic Acid, Powder, Reagent, ACS; •Tannic Acid, USP; •Tannic acid; •Tannic acid ; •Tannic acid , technical; •Tannic acid, ACS; •Tannins;
EC number	215-753-2
Customs tariff number / CN code / TARIC	32019090
Molecular weight [g / mol]	1701,23
Formula	C76H52O46

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	yellow brown granular powder	
Colour	Gardner color (10% m/V Ethanol) ≤ 13	
Odour	slight in solution: typical tannic acid	
<b>Physical parameter</b>		
Loss on drying	≤ 7	%
<b>Identity</b>		
Assay	Tannic acid content (on DM): ≥ 96	%
Identification	passes test A and B	
<b>Impurities</b>		
Residue on ignition	≤ 1	%
Heavy Metals (as Pb)	≤ 40	mg/kg
Sulphated ash	≤ 0,1	%
Impurity	gum or dextrin: passes test	%
Impurity	Resinous substances: passes test	%
<b>Residual Solvents</b>		
Residual solvents	(GC) meets the requirements of USP	
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	mg/kg
Lead (Pb)	≤ 2	mg/kg
<b>Organic volatile impurities</b>		
Org. volat. Imp. Total	(GC) meets the requirements of USP	

### Supplemental information:

**Shelf life:** 4 years

**Note:** Only solvents that comply with the EU Directive 2009/32/EC class 3 are used and the potential residue levels comply to the ICH Q3C guideline.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Jul. 2023

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