



## Specification

Concerning Product:	
Article number	1401554TU
Trade name / designation / denomination	Tannin USP
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>		
Colour	≤ 5	gardner
Colour	yellowish	
Flavor and taste	Neutral/slight astringent taste	
Odour	odourless	
<b>Physical parameter</b>		
Density	0,30 – 0,45	g/ml
Form	powder	
Loss on drying	≤ 7,0	%
pH value	3 – 4	
Solubility	in Acetone: freely soluble	
Solubility	in ethanol: freely soluble	
Solubility	in water: easily soluble	

<b>Identity</b>		
Assay	≥ 93	%
Identification	A, B, C: complies	
Identification	Gums, Dextrin test: no turbidity	
Identification	Resins test: no turbidity	
<b>Impurities</b>		
Residue on ignition	≤ 1,0	%
Heavy Metals (as Pb)	≤ 20	ppm
Sulphated ash	≤ 0,1	%
Impurity	Gallic Acid: ≤ 4,0	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	ppm
Lead (Pb)	≤ 5	ppm

**Supplemental information:**

**Shelf life:** 2 years

**Storage conditions:** Keep in tightly closed original sealed packing in a cool, clean and dry place, away from direct sunlight and water.

**Complies with monographie:** USP 40

**Packing:** 25 kg drum

**Regional origin:** CN

**Conclusion:** The Quality of the above said is in conformity with USP 40.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Sep. 2023

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