



## Spezifikation

Produktbezug:	
Produktnummer	1401554TU
Handelsname / Bezeichnung	Tannin USP
CAS Nummer	1401-55-4
Andere Bezeichnungen / Synonyme	•Gerbsäure; •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;
EG Nummer	215-753-2
Zolltarifnummer / CN- Code	32019090
Molekulargewicht [g/mol]	1701,23
Formel	C76H52O46

Parameter	Spezifikation	Einheit
<b>Sensorische Prüfung</b>		
Farbe	≤ 5	gardner
Farbe	gelblich	
Geschmack	neutraler bis leicht astringenter Geschmack	
Geruch	praktisch geruchlos	
<b>Physikalische Parameter</b>		
Dichte	0,30 – 0,45	g/ml
Form (Aggregatzustand)	Pulver	
Trocknungsverlust	≤ 7,0	%
pH-Wert	3 – 4	
Löslichkeit	in Aceton: frei löslich	
Löslichkeit	in Ethanol: frei löslich	
Löslichkeit	in Wasser: leicht löslich	
<b>Identifikation</b>		

Gehalt	≥ 93	%
Identifizierung	A, B, C: entspricht	
Identifizierung	Test auf Harze: keine Trübung	
Identifizierung	Test auf Stärkekummi: keine Trübung	
<b>Verunreinigungen</b>		
Glührückstand	≤ 1,0	%
Schwermetalle (als Pb)	≤ 20	ppm
Sulphatasche	≤ 0,1	%
Verunreinigung	Gallussäure: ≤ 4,0	%
<b>Elementare Verunreinigungen</b>		
Arsen (As)	≤ 3	ppm
Blei (Pb)	≤ 5	ppm

### Zusätzliche Angaben:

**Mindesthaltbarkeit:** 2 Jahre

**Lagerbedingungen:** In dicht geschlossenen Behältern, bei Raumtemperatur, sauber und trocken, fern von direkter Sonneneinstrahlung und Wasser lagern.

**Entspricht der Monographie:** USP 40

**Verpackung:** 25-kg-Trommel mit PE-Beutel

**regionaler Ursprung:** CN

**Zusammenfassung:** Die Qualität der oben genannten Produkte entspricht der USP 40.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Sep. 2023

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