



Specification

Concerning Product:	
Article number	1401554V02
Trade name / designation / denomination	Tannin GC
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
Organoleptic test		
Appearance	Light hazel powder	
Appearance	Natural hydrolysable tannic acid, mainly composed of esters of gallic and digallic acid with glucose and quinic acid	
Colour	Gardner ≤ 7	
Physical parameter		
Moisture	≤ 7	%
pH value	(1%) 2,8 – 3,2	
Solubility	Soluble in water and alcohol	
Identity		
Assay	Tannin content (on dry matter) ≥ 97	%
Impurities		
Residue on ignition	≤ 0,09	%

Supplemental information:

Shelf life: 5 years

Storage conditions: Store in a cool dry place. Avoid prolonged exposure to the light. Avoid freeze

Usage: It is advisable to dissolve the tannic acid into warm water at temperature between 40° and 50° C under vigorous stirring, then cool the solution at room temperature. For the handling we suggest these materials: steel, plastic, glass or ceramic. Avoid the contact between tannins and rust or iron surface. In case of contact, the tannins could form an insoluble black precipitate.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. Mar. 2025

LF-Basis: (2025-03-11)

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