



Im Wirrigen 25
D-45731 Waltrop
Tel.: +49 2309 60699-0
Fax: +49 2309 60699-30
www.hommel-pharma.com
info@hommel-pharma.com

Specification

Concerning Product:	
Article number	1401554V03
Trade name / designation / denomination	Tanninsäure Tanal 04, FCC Tannic Acid Tanal 04, FCC
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	C ₇₆ H ₅₂ O ₄₆

Parameter	Specification	Unit
Organoleptic test		
Appearance	light yellow granular powder, free of visible impurities	
Colour	(Gardner, 10%) ≤ 9	CU
Odour	slight in solution, typical tannic acid	
Physical parameter		
Loss on drying	≤ 7	%
Solubility	(20% in water): clear solution	
Identity		
Assay	Tannic acid content (on DM) (Hide powder) ≥ 96	%
Identification	Gum test (10% in ethanol/water): clear solution	
Identification	Gum Test (FCC): clear solution	
Identification	Resin test (10% in water): clear solution	
Identification	Resin test (FCC): clear solution	

Impurities		
Residue on ignition	≤ 0,3	%
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 2	ppm

Supplemental information:

Shelf life: 5 years from date of production under recommended storage conditions

Storage conditions: well-closed containers under dark and dry conditions at ambient temperature

Complies with monographie: FCC

Usage: food

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 29. Jan. 2026

LF-Basis: 1 (2025-05-16)

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