



Spezifikation

Produktbezug:	
Produktnummer	149917ST
Handelsname / Bezeichnung	Gallussäure (mind. 99%)
CAS Nummer	149-91-7
Andere Bezeichnungen / Synonyme	•3,4,5-Trihydroxybenzoesäure; •3,4,5-Trihydroxybenzoic acid, anhydrous; •3,4,5-trihydroxybenzoic acid; •GALLIC ACID ANHYDROUS; •Gallic Acid; •Gallic Acid Hydrate; •Gallic Acid, Anhydrous; •Gallic acid; •Gallussäure;
EG Nummer	
Zolltarifnummer / CN-Code	29182900
Molekulargewicht [g/mol]	170,12
Formel	C ₇ H ₆ O ₅

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	weißer, kristalliner Feststoff	
Farbe	Chroma (Platin-Kobalt-Farbzahl): ≤ 180	
Physikalische Parameter		
Trocknungsverlust	≤ 0,5	%
Identifikation		
Gehalt	(getr. Basis) ≥ 99,0	%
Identifizierung	Experiment mit gelöstem Wasser: nicht bewölkt	
Identifizierung	Gerbsäuretest: nicht bewölkt	
Schmelzpunkt (Identität)	250 – 252	°C
Verunreinigungen		
Glührückstand	≤ 0,1	%
Schwermetalle (als Pb)	≤ 10	ppm
Sulphat (SO ₄)	≤ 0,02	%
Trübung	(NIU) ≤ 10	ppm
Verunreinigung	Gerbsäure: ≤ 1,0	ppm
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Blei (Pb)	≤ 3	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Jul. 2025

LF-Basis: (2024-09-05)

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