



## Specification

Concerning Product:	
Article number	5995868GIP
Trade name / designation / denomination	Gallussäure Monohydrat, min. 99% 3,4,5-Trihydroxybenzoesäure- Gallic acid
CAS number	5995-86-8
Other names / synonyms	•3,4,5-trihydroxybenzoic acid hydrate; •Benzoic acid, 3,4,5-trihydroxy-, hydrate (1:1); •Gallic acid monohydrate;
EC number	611-919-7 205-749-9
Molecular weight [g / mol]	188.13482
Formula	C <sub>7</sub> H <sub>6</sub> O <sub>5</sub> * H <sub>2</sub> O
Warning 	UN -/-, -/-,
Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Do not breathe dust/fume/gas/mist/vapours/spray.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Colour	White, off-white or pale yellow or brown	
<b>Physical parameter</b>		
Form	crystalline powder	
Substances insoluble	≤ 0,01	%
Loss on drying	≤ 10,0	%
Solubility	1% in Water: Clear to faintly turbid, colourless to pale yellow-brown solution	
<b>Identity</b>		
Assay	≥ 99,0	%
<b>Impurities</b>		
Residue on ignition	≤ 0,1	%
Sulphates (SO <sub>4</sub> )	≤ 0,02	%

### Supplemental information:

**Storage conditions:** in closed original packaging at +20°C

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Feb. 2024

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