



## Specification

Concerning Product:	
Article number	5970456V01
Trade name / designation / denomination	Zinkacetat 2-Hydrat, Food E-650
CAS number	5970-45-6
Other names / synonyms	•Acetic acid, zinc salt, hydrate (2:1:2); •zinc diacetate dihydrate;
EC number	611-865-4
Molecular weight [g / mol]	183,46
Formula	C <sub>4</sub> H <sub>10</sub> O <sub>6</sub> Zn
<b>Warning</b>  UN 3077, 9 (Verschiedene gefährliche Stoffe und Gegenstände),	
Harmful if swallowed. Very toxic to aquatic life with long lasting effects. Do not get in eyes, on skin, or on clothing. Avoid release to the environment.	

Parameter	Specification	Unit
<b>Physical parameter</b>		
Substances insoluble	≤ 0,005	%
pH value	(5% solution @ 25°C): 6,0 – 8,0	
<b>Identity</b>		
Assay	(Complex.) 98,0 – 102,0	%
Identification	passes test	
<b>Impurities</b>		
Sulphates (SO <sub>4</sub> )	≤ 0,01	%
Impurity	Alkalies, alkali-earths: ≤ 0,2	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	ppm
Cadmium (Cd)	≤ 5	ppm
Chlorides (Cl)	≤ 0,005	%
Iron (Fe)	≤ 50	ppm
Lead (Pb)	≤ 20	ppm

**Supplemental information:**

**Usage:** E-650, Food Additive

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Oct. 2025

LF-Basis: 1.1 (2013-03-22)

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