





Specification

Concerning Product:	
Article number	64197LRI
Trade name / designation / denomination	Essigsäure 99% Acetic Acid E
CAS number	64-19-7
Other names / synonyms	•acetic acid;
EC number	200-580-7
EC index number	607-002-00-6
Customs tariff number / CN code / TARIC	29152100
Molecular weight [g / mol]	60,05
Formula	C2H4O2
Danger   2789 / 2790, 8 (Ätzende Stoffe),	
Flammable liquid and vapour. Causes severe skin burns and eye damage. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: IF IN EYES: IF EXPOSED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance	SGS BE LP/LAB/V001	Clear and free	
Colour	ASTM D 1209	≤ 5	Pt-Co
Physical parameter			
Acidity/Alkalinity	ASTM D 3546	Formic acid ≤ 0,05	Wt %
Distillation range	ASTM D 1078	1,0 including ≤ 117,8	°C
Density	ASTM D 4052	at 20 deg C 1.048 – 1.051	g/ml
Form	ASTM D 1493	Freezing point ≥ 16,35	°C
Loss on drying	ASTM D 1364	≤ 0,15	Wt %
Identity			
Assay	Calculated from freezing point	≥ 99,85	Wt %
Impurities			
Aldehydes	ASTM D 2191	≤ 0,005	Wt %
Heavy Metals (as Pb)	ASTM D 1347	≤ 0,5	ppm
Nonvolatile residue	ASTM D 1353	≤ 0,003	Wt %
Sulphates (SO ₄)	SGS confidential test method	≤ 1	ppm
Impurity	SGS confidential test method	≤ 2 min	Hours
Elemental Impurities			
Chlorides (Cl)	SGS confidential test method	≤ 1	ppm
Iron (Fe)	ASTM E 394	≤ 0,5	ppm

Supplemental information:

Packing: Bulk

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Oct. 2020

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