

Acetic Acid Food Grade E 260 is transparent and irritating liquid miscible with water in each proportion.

1. Quality characteristics

Parameter	Unit	Value	Test method
Appearance	-	transparent liquid	¹⁾ PN-83/C-83048 p. 5.4.1
Colour, Pt-Co scale	-	max. 5	ASTM D 1209
Density (20°C)	g/cm ³	1.068 ÷ 1.071	densimeter
Acetic acid	%	80.0 ± 1	PN-83/C-83048 p. 5.4.3
Substances reducing KMnO ₄ as formic acid	%	max. 0.05	²⁾ BN-88/6193-11 p.5.3.10
Acetaldehyde	%	max. 0.005	BN-88/6193-11 p. 5.3.5
Iron (Fe ³⁺)	%	max. 0.00005	PN-81/C-04521/04
Chlorides (Cl ⁻)	%	max. 0.0001	PN-82/C-04518 p.2.3
Sulphates (SO ₄ ²⁻)	%	max. 0.0002	PN-82/C-04519 p.2.5.3
Residue after evaporation	%	max. 0.002	PN-83/C-83048 p.5.4.10
Heavy metals as lead (Pb ²⁺)	%	max. 0.0001	PN-80/C-04515 p.2.4
Test with KMnO ₄	min.	min. 120	PN-83/C-83048 p. 5.4.11
³⁾ Arsenic (As)	%	max. 0.0001	ICP
³⁾ Lead (Pb)	%	max. 0.00005	ICP
³⁾ Mercury (Hg)	%	max. 0.0001	ICP

Concentration and other parameters values given above can be changed if they were previously agreed between the producer and customer.

Remarks: ¹⁾ PN = Polish standard,

²⁾ BN = Branch standard,

³⁾ Levels of arsenic (As), lead (Pb) and mercury (Hg) in the product are tested once every three months.

2. Application

Acetic Acid Food Grade E 260 is a food additive used in the food industry.

3. Transportation and package

Acid-resistant stainless-steel road tank cars or acid-proof containers of capacity 1000 [dm³] (IBC). The other package can also be used if previously agreed with a customer.

Acetic acid should be transported according to RID / ADR regulations.

4. Storage

Store only in closed and dry areas. It is recommended to store acetic acid in acid resistant tanks at a temperature from -5 to 30 [°C]. Store containers in one layer only. Check periodically the tightness of containers. Store according to SDS.