

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	<sup>1)</sup> BN-88/6193-11 p.5.3.2
Colour, Pt-Co scale	-	max. 5	ASTM D 1209
Density (20°C)	g/cm <sup>3</sup>	1.048 ÷ 1.052	densimeter
Acetic acid	%	min. 99.8	BN-88/6193-11 p.5.3.4
Substances reducing KMnO <sub>4</sub> as formic acid	%	max. 0.05	BN-88/6193-11 p.5.3.10
Acetaldehyde	%	max. 0.005	BN-88/6193-11 p. 5.3.5
Iron (Fe <sup>3+</sup> )	%	max. 0.00005	<sup>2)</sup> PN-81/C-04521/04
Chlorides (Cl <sup>-</sup> )	%	max. 0.0001	PN-82/C-04518 p.2.3
Sulphates (SO <sub>4</sub> <sup>2-</sup> )	%	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 <sup>2+</sup> )	%	max. 0.0001	PN-80/C-04515 p.2.4
Test with KMnO <sub>4</sub>	min.	min. 120	PN-83/C-83048 p. 5.4.11
<sup>3)</sup> Arsenic (As)	%	max. 0.0001	ICP
<sup>3)</sup> Lead (Pb)	%	max. 0.00005	ICP
<sup>3)</sup> 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: <sup>1)</sup>BN = Branch standard,

<sup>2)</sup>PN = Polish standard,

<sup>3)</sup> 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 [dm<sup>3</sup>] (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 18 to 30 [°C]. Store containers in one layer only. Check periodically the tightness of containers. Store according to SDS.