

Previous editions  
are no longer valid

TECHNICAL DATA SHEET

02.01.2020

**ACETIC ACID TECHNICAL GRADE 80%**

1 / 1

Acetic Acid Technical Grade is transparent and irritating liquid miscible with water in each proportion.

## 1. Quality characteristics

Parameter	Unit	Value	Test method
<b>Appearance</b>	-	transparent liquid	<sup>1)</sup> PN-83/C-83048 p.5.4.1
<b>Acetic acid</b>	%	min. 80.0 ± 1	PN-83/C-83048 p.5.4.3
<b>Substances reducing KMnO<sub>4</sub> as formic acid</b>	%	max. 0.1	<sup>2)</sup> BN-88/6193-11 p.5.3.10
<b>Acetaldehyde</b>	%	max. 0.05	BN-88/6193-11 p. 5.3.5
<b>Iron (Fe<sup>3+</sup>)</b>	%	max. 0.00006	PN-81/C-04521/04
<b>Residue after evaporation</b>	%	max. 0.01	PN-83/C-83048 p.5.4.10
<b>Heavy metals as lead (Pb<sup>2+</sup>)</b>	%	max. 0.0002	PN-80/C-04515 p.2.4

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

Remarks: <sup>1)</sup> PN = Polish standard,

<sup>2)</sup> BN = Branch standard,

## 2. Application

Acetic Acid Technical Grade is used in the chemical, textile, printing and other industries.

## 3. Transportation and package

Acid-resistant stainless-steel rail tank cars, 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 -5 to 30 [°C]. Store containers in one layer only. Check periodically the tightness of containers. Store according to SDS.