

# AGS Acid



**A G S = (Adipic - Glutaric - Succinic mixture) acid**

**PRODUCT OF THE UKRAINE**

**This product is from a Valetime Integrated Source**

## SPECIFICATION

The A G S acid available to Valetime has been further processed / refined to remove heavy metals and is marketed in this purified form as "P-AGS".

<b>CAS</b>	see below
<b>Molecular formula</b>	HOOC(CH <sub>2</sub> ) <sub>n</sub> COOH (n=2,3,4)
<b>Molecular weights</b>	118.1/132.1/146.1

## COMPONENTS

<b>Component</b>	<b>ADIPIC ACID</b>
<b>CAS</b>	124-04-9
<b>Synonyms</b>	hexanedioic acid; 1,4-butanedicarboxylic acid
<b>Molecular formula</b>	COOH(CH <sub>2</sub> ) <sub>3</sub> COOH
<b>Percentage, %</b>	25 - 35

<b>Component</b>	<b>GLUTARIC ACID</b>
<b>CAS</b>	110-94-1
<b>Synonyms</b>	n-pyrotartaric acid; pentanedioic acid
<b>Molecular formula</b>	HOOC(CH <sub>2</sub> ) <sub>3</sub> COOH
<b>Percentage, %</b>	42 - 47

<b>Component</b>	<b>SUCCINIC ACID</b>
<b>CAS</b>	110-15-6
<b>Synonyms</b>	butanedioic acid
<b>Molecular formula</b>	CO <sub>2</sub> H(CH <sub>2</sub> ) <sub>2</sub> CO <sub>2</sub> H
<b>Percentage, %</b>	20 - 30

## Specification

Grade

Assay, % minimum	97
Adipic Acid, %	25 - 35
Glutaric Acid, %	42 - 27
Succinic Acid, %	20 - 30
Acid number, mg. KOH/g	700 - 900

### IMPURITIES

Water, %, maximum	0.4
Iron, %, maximum	0.007

### P-AGS

Copper, %, maximum	0.007
Vanadium, %, maximum	0.002

#### Disclaimer for Specifications

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