



## Specification

Concerning Product:	
Article number	56859AC
Trade name / designation / denomination	L-Glutamin
CAS number	56-85-9
Other names / synonyms	•2,5-diamino-5-oxopentanoic acid; •levoglutamide;
EC number	200-292-1
Customs tariff number / CN code / TARIC	29241900
Molecular weight [g / mol]	146,14
Formula	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O <sub>3</sub>

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Colour	white	
<b>Physical parameter</b>		
Form	crystalline powder	
Loss on drying	≤ 0,3	%
<b>Identity</b>		
Assay	98,5 – 101,5	%
Identification	concordant with reference spectrum	
<b>Impurities</b>		
Residue on ignition	≤ 0,3	%
<b>Residual Solvents</b>		
Residual solvents	Product conforms to solvent directive EC 2009/32.	
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Mercury (Hg)	≤ 0,1	ppm

Lead (Pb)	≤ 3	ppm
<b>Microbiological data</b>		
Escherichia Coli.	≤ 30	MPN/g
Salmonella	neg.	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g
<b>Particle size distribution</b>		
Particles	< 80 mesh: ≥ 95	%

**Regulatory information:**

**Allergens statement:** Product is free of allergens according to Regulation (EU) No. 1169/2011 Annex II.

**BSE/TSE statement:** Product conforms to TSE/BSE regulation EC Nr. 999/2001.

**Supplemental information:**

**Shelf life:** 2 years

**Note:** Product does not meet the criteria for classification as dangerous in accordance with EU regulation (EC) No 1272/2008 and its modifications, therefore is not subject to the obligation to provide a Material Safety Data Sheet according to EU regulation (EC) No 1907/2006 and its modifications.

**Storage conditions:** Keep in tightly closed original sealed packing in cool, clean and dry place, away from direct sunlight and water

**Packing:** Pack in paper-drums and two plastic-bags inside, 25 kg/drum

**Regional origin:** CN

**Usage:** Product is suitable for vegetarian, vegan, diabetics or coeliac diets. Product meets the Halal and Kosher food conditions. Product conforms to TSE/BSE regulation EC No. 999/2001. Product is suitable and safe for human consumption according to Regulation EC 178/2002.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Feb. 2022

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