



## Specification

Concerning Product:	
Article number	9003398BPEUJ30
Trade name / designation / denomination	Polyvinylpyrrolidon (PVP) 30 Kollidon ® 30
CAS number	9003-39-8
Other names / synonyms	•2-Pyrrolidinone, 1-ethenyl-, homopolymer; •Polyvinylpyrrolidone;
EC number	618-363-4
Customs tariff number / CN code / TARIC	39059990

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance of solution	EP	Clear and not more intensely colored than reference solution BY6/ B6/R6	
<b>Physical parameter</b>			
Loss on drying	Ph. Eur. / USP / JP (Karl Fischer)	≤ 5,0	%
Peroxides (O <sub>2</sub> <sup>2-</sup> )	Ph. Eur. / USP / JP	as H <sub>2</sub> O <sub>2</sub> : ≤ 400	ppm
pH value	Ph. Eur. / USP / JP	3,0 – 5,0	
Viscosity	Ph. Eur. / USP / JP	(expressed as K value) 27,0 – 32,4	
<b>Identity</b>			
Assay	PM 00335	Nitrogen (calculated on the dried basis): 11,0 – 12,8	%
Identification	EP (IR)	complies	
<b>Impurities</b>			
Aldehydes	PM 00986	≤ 500	ppm
Residue on ignition	Ph. Eur. / USP / JP	( Sulphate Ash) Not routinely tested ≤ 0,1	%

Heavy Metals (as Pb)	JP	≤ 10	ppm
Impurity	Ph. Eur. / USP / JP	1-Vinylpyrrolidin-2-one ≤ 10	ppm
Impurity	Ph. Eur. / USP / JP	2- Pyrrolidone: ≤ 3,0	%
Impurity	PM 01111	Hydrazine: ≤ 1	ppm
<b>Residual Solvents</b>			
Residual solvents	PM 01038	Formic Acid: ≤ 0,5	%
<b>Elemental Impurities</b>			
Lead (Pb)	USP	≤ 5	ppm
<b>Microbiological data</b>			
Aerobic microorganisms	Ph. Eur. 2.6.12	≤ 200	CFU/g
Yeast and Mould	Ph. Eur. 2.6.12	≤ 20	CFU/g

**Supplemental information:**

**Packing:** 25 kg Carton

**Regional origin:** D

**Usage:** Not for regulatory purposes.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Oct. 2020

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