

Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 1202 POLYVINYL POLYPYRROLIDONE. (See end of Document for details)

ANNEX

E 1202 POLYVINYL POLYPYRROLIDONE

Synonyms	Crospovidone; Cross-linked polyvidone; Insoluble polyvinylpyrrolidone
Definition	Polyvinylpolypyrrolidone is a poly-[1-(2-oxo-1-pyrrolidinyl)-ethylene], cross linked in a random fashion. It is produced by the polymerisation of N-vinyl-2-pyrrolidone in the presence of either caustic catalyst or N, N'-divinyl-imidazolidone. Due to its insolubility in all common solvents the molecular weight range is not amenable to analytical determination
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Chemical name	Polyvinylpyrrolidone; poly-[1-(2-oxo-1-pyrrolidinyl)-ethylene]
Chemical formula	(C ₆ H ₉ NO) _n
Molecular weight	
Assay	Content not less than 11 % and not more than 12,8 % nitrogen (N) on the anhydrous basis
Description	A white hygroscopic powder with a faint, non-objectionable odour
Identification	
Solubility	Insoluble in water, ethanol and ether
pH	Between 5,0 and 8,0 (1 % suspension in water)
Purity	
Water content	Not more than 6 % (Karl Fischer)
Sulphated ash	Not more than 0,4 %
Water-soluble matter	Not more than 1 %
Free-N-vinylpyrrolidone	Not more than 10 mg/kg
Free-N,N'-divinyl-imidazolidone	Not more than 2 mg/kg
Lead	Not more than 2 mg/kg

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