

Item Number	P1416
Item	Povidone, K-90, USP
CAS Number	9003-39-8
Molecular Formula	(C ₆ H ₉ NO) _n
Molecular Weight	1300000
MDL Number	
Synonyms	PVP ; Povidone K-90 ; Poly[1-(2-oxo-1-pyrrolidiny)ethylene]

Test	Specification	
	Min	Max
K VALUE	81.0	97.2
pH OF A 5% SOLUTION	4.0	7.0
ASSAY, NITROGEN CONTENT	11.5	12.8 %
ALDEHYDES		0.05 %
FORMIC ACID		0.5 %
HYDRAZINE		1 ppm
LEAD		10 ppm
PEROXIDE (H ₂ O ₂)		400 ppm
2-PYRROLIDONE		3.0 %
RESIDUE ON IGNITION		0.1 %
VINYLPYRROLIDONE		0.001 %
WATER DETERMINATION		5.0 %
ELEMENTAL IMPURITIES		AS REPORTED
CERTIFIED HALAL		
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	ORANGE YELLOW PRECIPITATE	
IDENTIFICATION (C)	PALE BLUE PRECIPITATE	
IDENTIFICATION (D)	DEEP RED COLOR	
IDENTIFICATION (E)	SOLUBLE IN WATER	
DATE OF MANUFACTURE		
RETEST DATE		
APPEARANCE		
RESIDUAL SOLVENTS:		AS REPORTED

Spectrum Chemical Mfg Corp

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