

TECHNICAL DATA SHEET

PRODUCT : POVIDONE K25 (PVP K25) EP

CAS NO. : 9003-39-8

TEST ITEM	SPECIFICATION
Appearance	White or yellowish-white, hygroscopic powder or flakes.
Solubility	Freely soluble in water, in ethanol (96 per cent) and in methanol, very slightly soluble in acetone.
Appearance of solution	Solution S is clear and not more intensely coloured than reference solution B6, BY6 or R6(2.2.2, Method II)
Identification A	(According to EP 9.2)
Identification B	(According to EP 9.2)
Identification C	(According to EP 9.2)
Identification D	(According to EP 9.2)
Identification E	(According to EP 9.2)
K value	22.5-27
Water	≤5.0 %
PH Value(5% in water)	3.0-5.0
Impurity A	≤10 ppm
Impurity B	≤3.0 %
Sulfated ash	≤0.1 %
Nitrogen	11.5-12.8 %
Aldehydes(as acetaldehyde)	≤500 ppm
Heavy metals	EP (2.4.20. Determination of elemental impurities)
Hydrazine	≤1.0 ppm
Peroxides(as H ₂ O ₂)	≤400 ppm
Lead	≤5 ppm
Formic acid	≤0.5 %