



# PHARMATRANS SANAQ AG

PHARMACEUTICALS

## SPECIFICATION

### PVP SANAQ® Polyvinylpyrrolidone (USP/NF / Ph. EUR)

Type	K17	K25	K30	K90
Appearance	White or off white powder			
Solubility	Freely soluble in water in ethanol (96%) and in methanol, very slightly soluble acetone			
Appearance of Solution	Clearly and not more intensely colored than reference solution B6, BY6 or R6			
Identifications	Meet Requirements			
K value	15.3 - 18.4	22.5 - 27.0	27.0 - 32.4	81.0 - 97.2
Vinylpyrrolidone (Impurity A)	0.1			
Moisture % Max	5			
Solid content % Min	95			
pH value (5% n aqueours solution)	3.0 - 5.0	3.0 - 5.0	3.0 - 5.0	4.0 - 7.0
Sulphate Ash % max	0.1			
Nitorgen content %	11.5 - 12.80			
2-Pyrrolidone (Impurity B) % max	3			
Aldehyde (as acetaldehyde) ppm max	500			
Heavy Metals ppm max	10			
Hydrazine ppm max	1			
Formic Acid % max	0.5			
Peroxidwe (As H2O2). ppm max	400			