



Y&R

天津誉瑞特品科技有限公司

Chemistry for Colorful Life

Tianjin YR ChemSpec Technology Co.,Ltd.

Add:908,Changqing Building,Weishan-Nan Road,Jinnan District,Tianjin,China 300350

Tel:+86-22-27607566

Fax:+86-22-27607566

e-mail:sales@yrspec.com

website:www.yrspec.com

Povidone K17

Pharmaceutical Grade(USP26/NF21)

Technical Data Sheet

Version:3.0

Date/revised: Nov.26,2017

Product Description:Homopolymer of 1-vinyl-2-pyrrolidone (Polyvinylpyrrolidone)

In the powder form.

INCI-Name:PVP

CAS NO.: 9003-39-8

Formula: (C₆H₉NO)_n

Packaging:25kgs drum.

Shelf Life: 3 years

Reference:USP26/NF21

Technical Parameters:

Appearance	White or off-white powder
Identifications	A.An orange-yellow precipitate is formed
	B.A pale blue precipitate is formed
	C.A deep red color is produced
K Value(5.0% in water solution)	15.30~18.36
Moisture	5.0% max.
pH Value(5% in water)	3.0-7.0
N-vinylpyrrolidone	2000 ppm max.
Residue on Ignition	0.1% max.
Nitrogen Content(on anhydrous basis)	11.5-12.8%
Heavy Metals (as Pb)	10 ppm max.
Aldehyde (As acetaldehyde)	500 ppm max.
Hydrazine	1ppm max.

Peroxides (As H ₂ O ₂)	400 ppm max.
Total Aerobic plate count CFU/g	≤100
Mold/Yeast ,CFU/g	≤100
Staphylococcus Aureus, CFU/g	Negative
Salmonella, CFU/g	Negative
Pseudomonas aeruginosa, CFU/g	Negative
E.coli CFU/g	Negative
Total Aerobic plate count CFU/g	≤100