

**Certificate of Analysis**

Product Name	PVP K17	Version	English
CAS Number	9003-39-8	Report Code	S0721052553-1
Lot Number	EP21050701	Manuf. Date	2021/05/07
Lot Quantity	0.100kg	Test Date	2021/05/07
Net Weight	--	Expiry Date	2023/05/06
Gross Weight	--	Workshop	
Test Standard	USP39		

Item	Standard	Results
Appearance	White to milky white moisture-absorbing powder	Confirms
Solution color (5% water sol.)	Lighter than B6, BY6 and R6	Confirms
K Value	15.3~18.4	17.09
NVP(impurity A),ppm	<10	1
Water,%	≤5.0	3.18
PH(5% aqueous solution)	3~5	4.47
Alldehyde,ppm	≤500	200
Nitrogen,%	11.5~12.8	12.04
Residue on Ignition,%	≤0.07	0.03
Heavy metals,ppm	≤10	<10
2-Pyrrolidone(impurity B),%	≤3.0	0.70
Hydrogen peroxide,ppm	≤400	69
Formic acid,%	≤0.5	0.30
Hydrazine,ppm	≤1	<1

Conclusion: Product complies with USP39

The above-mentioned data shall constitute the agreed contractual product quality, are also controlled as part of our quality assurance program. These data implies no legally binding guarantee of certain properties or of fitness for any specific purpose.

Reporter **Liu Li**

Approver of COA release **Du Xuewu**

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