

**CERTIFICATE OF ANALYSIS**  
**PVP - Povidone - Polyvinylpyrrolidone**

<u>Characteristic / Method</u>	<u>UOM</u>	<u>Result</u>	<u>Specification</u>
K-value	%	30.9	27.0 - 32.4
N-vinylpyrrolidone (NVP)	ppm	1.0	Max. 10.0
pH (5% in water)		3.6	3.0 – 5.0
Solubility		Pass	
Water	weight %	3.2	Max. 5.0
Sulfated Ash / Residue on Ignition	weight %	< 0.1	Max. 0.1
Hydrazine	ppm	< 1	Max. 1
Nitrogen	weight %	12.2	11.5 - 12.8
Lead	ppm	< 5	Max. 5
Peroxides as H2O2	ppm	37	Max. 400
Residual Solvent as Formic Acid	weight %	< 0.5	Max. 0.5
Acetaldehydes	ppm	57	Max. 500
2-Pyrrolidone	weight %	1.3	Max. 3.0
Heavy Metals	ppm	< 10	Max. 10
Identification – IR Scan		Complies	
Identification – Dichromate Test		ID Dichromate test complies	
Identification – Iodine Test		ID Iodine test complies	
Appearance Solution (5% in water)		Complies	
Appearance		Pass	
Micro Status		Conforms	

\* Data based on manufacturer's document

*Jmk*

Quality Control

