



Certificate of Analysis

PVP K30 USP

Catalog Number: PV1001
Lot Number: 0301704r1
CAS Number: 9003-39-8
Synonym(s): Povidone, Unidone
Molecular Formula: (C₆H₉NO)_n
Molecular Weight: 29,000 – 32,000
Storage: 15°C – 30°C
Date of Manufacture: November 13, 2016
Retest Date: May 12, 2020

Test	Specification	Result
Appearance	White to off-white powder	Conforms
K-value (% of Stated Value)	90.8 – 108.0%	97.7%%
Identification		
A FTIR	To match reference	Conforms
B Orange-yellow precipitate	To pass test	Conforms
C Pale blue precipitate	To pass test	Conforms
D Red color produced	To pass test	Conforms
E Dissolution	To pass test	Conforms
pH (5%)	3.0 – 5.0	3.5
Assay for Nitrogen	11.5 – 12.8%	12.0%
Moisture	≤ 5.0%	3.0%
Residue on Ignition	≤ 0.1%	0.05%
Limit of Aldehydes	≤ 0.05%	0.00391%
Limit of Hydrazine	≤ 1ppm	< 1ppm
Vinylpyrrolidone	≤ 0.001%	0.000051%
2-Pyrrolidone	≤ 3%	1.4%
Peroxides	≤ 400ppm	192ppm
Formic Acid	≤ 0.5%	0.2%
Lead	≤ 10ppm	< 10ppm
Total Plate Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold	≤ 100cfu/g	< 100cfu/g
<i>E. coli</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
<i>Staphylococcus</i>	Negative	Negative
Residual Solvents	To pass test	Conforms



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Approved by:

John Grubb

Date: August 5, 2019

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