

Certificate of Analysis

Product Name:

Povidone K-30, *PurReagent*, Meets analytical specifications of USP

Product No.: PSR41559
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 9003-39-8
Molecular Formula: $(C_6H_9NO)_n$
Molecular Weight: 111.14 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Beige Powder	Beige Powder
Assay (on Anhydrous Basis)	11.5 - 12.8 %	12.4 %
Water (by KF)	NMT 5.0 %	2.6 %
pH	3.0 - 7.0	3.4
Identity	Pass	Pass
Residual Solvents	Conforms	Conforms
Residue on ignition (Ash)	NMT 0.1 %	0.0 %
Lead (Pb)	NMT 10 ppm	0 ppm
Limit of Aldehydes	NMT 0.05 %	0.01 %
Limit of Hydrazine	NMT 1 ppm	1 ppm
Vinylpyrrolidinone	NMT 0.001 %	0.000 %
K-Value	29 - 32	30
2-Pyrrolidone	NMT 3.0 %	0.1 %
Peroxides	NMT 400 ppm	49 ppm
Formic Acid	NMT 0.5 %	0.2 %

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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