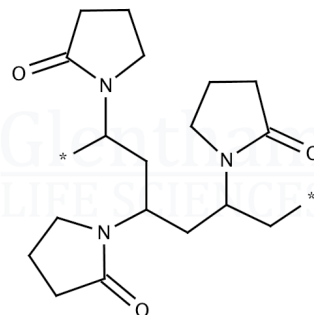


Certificate of Analysis

Product Name Povidone K30
Glentham Code GP6526
CAS Number 9003-39-8
MDL Number MFCD00149016
PubChem SID 310279185
Batch Number 857MYI

Molecular Weight ~40,000 (avg.)
Molecular Formula $(C_6H_9NO)_n$
Storage Temp. +20°C



Property	Specification	Batch 857MYI
Physical Description	White powder	White powder
Solubility	Freely soluble in water, in ethanol and in methanol, very slightly soluble in acetone	Conforms
Identification	A, B, C, D, E	Conforms
Appearance of Solution	1g in 20ml water: ≤ B6, BY6 or R6	Conforms
pH	3.0 - 5.0 (5% in water)	3.4
Viscosity	29.0 - 32.0 (K-value)	30.9
Aldehydes	≤ 500ppm	20ppm
Peroxides	≤ 400ppm	60ppm
Hydrazine	≤ 1ppm	Conforms
Impurities	1-Vinylpyrrolidin-2-one: ≤ 10ppm	≤ 0.5
	2-Pyrrolidone: ≤ 3%	≤ 1%
Heavy Metals	≤ 10ppm	Conforms
Water	≤ 5.0%	3.4%
Sulphated Ash	≤ 0.1%	Conforms
Formic acid	≤ 0.5%	0.1%
Nitrogen Content	11.5 - 12.8 %	12.2%
Pharmacopoeia Specification(s)	Conforms to EP, USP	Conforms

Specification Version v1.0
Manufacture Date 2023-08-09
Re-Test Date 2030-08-18

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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