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Certificate of Analysis

Product Name	Povidone K30		
Glentham Code	GP6526		
CAS Number	9003-39-8		
MDL Number	MFCD0014901	6	
PubChem SID	310279185		
Batch Number	857MYI		* N N N
Molecular Weight	~40,000 (avg.)	LI	\sim
Molecular Formula	(C ₆ H ₉ NO)n	(
Storage Temp.	+20°Č		
			`0
Property		Specification	Batch 857MYI
Physical Description		White powder	White powder
Solubility		Freely soluble in water, in ethanol and ir methanol, very slightly soluble in aceton	
Identification		A, B, C, D, E	Conforms
Appearance of Solution		1g in 20ml water: \leq B6, BY6 or R6	Conforms
pН		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 Specifica	tion(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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