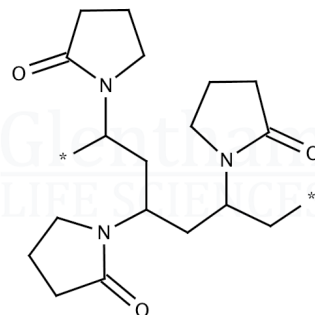


Certificate of Analysis

Product Name	Povidone K12
Glentham Code	GP2389
CAS Number	9003-39-8
Batch Number	260AEF

Molecular Weight	~5,000 (avg.)
Molecular Formula	(C ₆ H ₉ NO) _n
Storage Temp.	+20°C



Property	Specification	Batch 260AEF
Physical Description	White powder	White powder
Identification	A, B, C according to USP	Entspricht
pH	3.0 - 5.0 (5% in water)	3.8
Viscosity	10.2 - 13.8 (K-value)	13.3
Aldehydes	≤ 500ppm	50ppm
Peroxides	≤ 400ppm	33ppm
Hydrazine	≤ 1ppm	Entspricht
Vinylpyrrolidone	≤ 10ppm	< 1ppm
Heavy Metals (as Pb)	≤ 10ppm	Entspricht
Water	≤ 5.0%	2.3%
Sulphated Ash	≤ 0.1%	< 0.1%
Nitrogen Content	11.5 - 12.8 %	12.0%
Pharmacopoeia Specification(s)	Conforms to USP	Entspricht

Specification Version	v1.0
Manufacture Date	2023-12-08
Re-Test Date	2031-02-28

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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