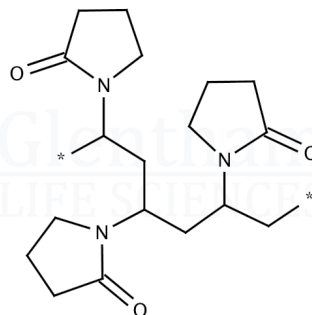


## Certificate of Analysis

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

Molecular Weight ~5,000 (avg.)  
Molecular Formula  $(C_6H_9NO)_n$   
Storage Temp. +20°C



Property	Specification	Batch 260AEF
Physical Description	White powder	White powder
Identification	A, B, C according to USP	Conforms
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	Conforms
Vinylpyrrolidone	≤ 10ppm	< 1ppm
Heavy Metals (as Pb)	≤ 10ppm	Conforms
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	Conforms

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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