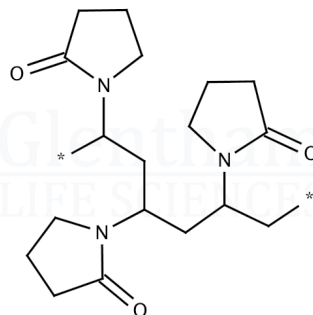


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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