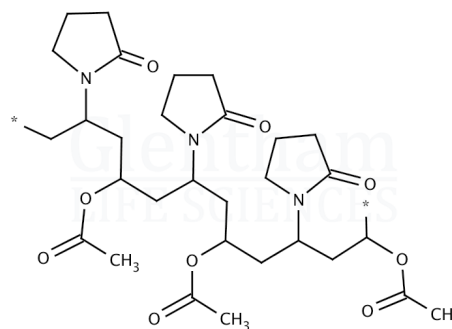


Product Specification

Product Name	Kollidon VA 64
Glentham Code	GX9280
CAS Number	25086-89-9
EINECS	-
MDL Number	MFCD00134018
Molecular Weight	$(111.1)n + (86.1)m$
Molecular Formula	$(C_6H_9NO)_n \cdot (C_4H_6O_2)_m$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or yellow-white powder of flakes
Identification (IR)	To conform to standard
Identification	To conform to all Ph. Eur., USP tests
Solubility (10% in water)	Clear or slightly opalescent, colourless to pale yellow or pale red solution
Appearance of Solution	Ph. Eur. Colour ≤ B5/BY5/R5. Not more opalescent than reference standard III.
pH	3.0 - 7.0
Peroxides	≤ 400ppm
Aldehydes	≤ 500ppm
Saponification Value	230 - 270 mgKOH/g
Viscosity	25.2 - 30.8 (K-value)
Relative Viscosity (1% in water)	1.178 - 1.255
Heavy Metals	≤ 10ppm
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 5.0%
Acetic Acid	≤ 4000ppm (residual solvent)
2-Pyrrolidone	≤ 0.5%
Vinylpyrrolidone	≤ 10ppm
Vinylacetate	≤ 10ppm
Sum of Vinylpyrrolidone and Vinylacetate	≤ 0.1%
Nitrogen Content	7.0 - 8.0 % (dried substance)
Water (KF)	≤ 5.0%
Polymerised Vinylacetate	35.3 - 41.4 %
Pharmacopoeia Specification(s)	Ph. Eur., USP

Specification Version - v1.0
Date Created - 2020-03-05

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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