



TECHNICAL DATA SHEET

001166-TDS-ENG-2022

POLIVINILPIRROLIDONE Ph.Eur. (KOLLIDON 30)

DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS N°: 9003-39-8	EC N°: 618-363-4	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: C ₆ H ₉ N+2NnOn	ARTICLE CODE: 001166

ATTRIBUTES	SHOULD BE
Appearance	White or yellowish-white, hygroscopic powder or flakes
Solubility	Freely soluble in water, in ethanol (96 %) and in methanol, very slightly soluble in acetone
Identification A	Complies
Identification D	Complies
Appearance of solution	Clear and not more intensely coloured than ref. sol. B6, BY6 or R6
pH	3.0 - 5.0
Viscosity, expressed as K-value	27.0 - 32.4
Aldehydes	=< 500 ppm
Peroxides	=< 400 ppm
Formic Acid	=< 0.5 %
Limit of hydrazine	=< 1 ppm
Impurity A	=< 10 ppm
Impurity B	=< 3.0 %
Water	=< 5.0 %
Sulfated ash	=< 0.1 %
Assay	11.5 % - 12.8 %

COMPLIES WITH

European Pharmacopoeia 10.6

STORAGE

Store in the original container in a cool and dry place.

REMARKS

Povidone is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline.

Certificates of residual solvents, allergens, irradiation, non-GMO and BSE-TSE, among others, are available upon request.

The product is suitable for pharmaceutical purposes.

Properties

Thickening agent of aqueous systems: unlike natural gums, it is a substance less susceptible to microbiological contamination.

Stabilizer of emulsions, dispersions and suspensions.

Granulator agent.

Practically odorless.

Increases the solubility in water of active ingredients.

Provides a sweet taste to oral preparations. In this way it allows reducing or even avoiding the use of sugars, salts or alcohol in the formulations.

Improves the taste of bitter preparations.