



TECHNICAL DATA SHEET

151239-TDS-ENG-2023

POVIDONA K30 Ph. Eur.		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS Nº: 9003-39-8	EC Nº: 618-363-4	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: C ₆ H ₉ N+2NnOn	ARTICLE CODE: 151239

ATTRIBUTES	SHOULD BE
Appearance	White or yellowish-white, hygroscopic powder or flakes
Solubility	Freely soluble in water, in ethanol (96 per cent) 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 o 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 %
Riqueza (N content)	11.5 - 12.8 %

COMPLIES WITH

European Pharmacopoeia 9.2

STORAGE

Keep the container tightly closed in a dry, cool and well-ventilated 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.



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Applications

Orally

Syrups: provides consistency to syrups without sugar.

Tablets and pills

Products without alcohol (for children, etc.), free of salts (sodium) and acaloric products or for diabetics (without sugar).

Topical route

Emollient and moisturizing in skin creams.

Stabilizing agent for creams and milks.

Dispersant of hair dyes.

Foam stabilizer.

Toxicology

It is a physiologically inactive and non-toxic substance.