



## TECHNICAL DATA SHEET

0238-TDS-ENG-2024

<b>BETAMETASONA DIPROPIONATO (EUR. PH.)</b>		
DESCRIPTION DCI: BETAMETHASONE DIPROPIONATE		DESCRIPTION DOE: BETAMETASONA DIPROPIONATO
CAS Nº: 5593-20-4	EC Nº: 227-005-2	AEMPS CODE: 491DE
MOL. WEIGHT: 504.59	MOL. FORMULA: C <sub>28</sub> H <sub>37</sub> F <sub>07</sub>	ARTICLE CODE: 0238

ATTRIBUTES	SHOULD BE
Appearance	White or almost white, crystalline powder
Solubility	Practically insoluble in water, freely soluble in acetone and in methylene chloride, sparingly soluble in ethanol (96 per cent)
Identification A	Complies
Specific optical rotation	+84 / +88
Related substances	
Impurity C	=< 0.5 %
Impurity B	=< 0.3 %
Impurity H	=< 0.3 %
Impurity D	=< 0.2 %
Impurity E	=< 0.2 %
Impurity G	=< 0.2 %
Impurity I	=< 0.15 %
Unspecified impurities	=< 0.10 %
Total impurities	=< 1.0 %
Loss on drying	=< 1.0 %
Assay	97.0 - 102.0 %

### COMPLIES WITH

European Pharmacopoeia 11.0

### STORAGE

Keep the container tightly closed. Store it in a dry and cool place.

### REMARKS

Betamethasone Dipropionate is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

Absence of N-nitrosamines impurities has been ensured after a risk evaluation according to ICH Q9, ICH M7 and in accordance with guidelines EMA/428592/2019 Rev 2 and EMA/189634/2019.

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

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.