



TECHNICAL DATA SHEET

002544-TDS-ENG-2019

SINEFRINA TARTRATO		
DESCRIPTION DCI: SYNEPHRINE		DESCRIPTION DOE: SINEFRINA
CAS Nº: 16589-24-5	EC Nº: 240-647-8	AEMPS CODE: 8158A
MOL. WEIGHT: 167.205	MOL. FORMULA: 2(C ₉ H ₁₃ NO ₂).C ₄ H ₆ O ₆	ARTICLE CODE: 002544

ATTRIBUTES	SHOULD BE
Appearance	White or almost white, crystalline powder
Identification A	Complies
Identification B	Complies
Identification C	Complies
Identification D	Complies
Appearance of solution	Clear and colorless
pH	5.0 - 6.5
Specific optical rotation	+11 / +15
Ketones	=< 0.1 %
Melting point	176 - 187 °C
Iron	=< 5 ppm
Heavy metals	=< 10 ppm
Arsenic	=< 1 ppm
Cadmium	=< 1 ppm
Mercury	=< 0.1 ppm
Lead	=< 3 ppm
Loss on drying	=< 0.5 %
Sulfated ash	=< 0.1 %
Assay	=> 99.0 %
Residual solvents	
Ethanol	=< 5000 ppm
Microbiological control	
TAMC	=< 1000 UFC/g
TYMC	=< 100 UFC/g
E. Coli	Absence/1g
Salmonella	Absence/10g
Staphylococcus aureus	Absence/1g

COMPLIES WITH

Manufacturar Specifications

STORAGE

Store in a cool, dry and well-ventilated place.

REMARKS

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

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