



TECHNICAL DATA SHEET

00011-TDS-ENG-2019

SPERMIDINE (Pharma Grade)		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS Nº: 124-20-9	EC Nº: 204-689-0	AEMPS CODE: ---
MOL. WEIGHT: 145.25	MOL. FORMULA: C7H19N3	ARTICLE CODE: 00011

ATTRIBUTES	SHOULD BE
Appearance	White powder or yellowish liquid
Melting point	about 23 °C
Identification	Complies
pH	11 - 13
Refractive index	1.478 - 1.481
Water	=< 1 %
Assay	98.5 - 100.0 %
Nitrosamines	=< 0.16 ppm
Microbiological control	
TAMC	=< 1000 CFU/g
TYMC	=< 100 CFU/g
Escherichia coli	Absence/1g
Residual solvents	
Ethanol	=< 5000 ppm
Methanol	=< 3000 ppm
Tetrahydrofuran	=< 720 ppm
Methylene Chloride	=< 600 ppm

COMPLIES WITH

Manufacturer Specifications

STORAGE

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

REMARKS

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

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