

PRODUCT SPECIFICATION

Product : **Colistin Sulphate**

Appearance	:	White or almost white powder
Identification	:	Conforms to EP specifications
Ca ²⁺ Reaction(b)	:	Meets the requirements
Loss on drying	:	≤ 3.5 %
pH	:	4.0 ~ 6.0
Specific optical rotation	:	-63° ~ -73°
Sulphate Ash	:	≤ 1.0 %
Sulphate	:	16.0 ~ 18.0 %
Content (Dry Basis HPLC)	:	Colistin E1 –I : ≤ 10.0 % Colistin E1-7MOA : ≤ 10.0 % Colistin E3 : ≤ 10.0 % E1+E2+E3+E1 –I +E1-7MOA : ≥ 77.0 % RRTO.27: : ≤ 3.0 %
Related substances	:	RRTO.44: : ≤ 3.0 % RRTO 49: : ≤ 3.0 % RRTO 67: : ≤ 3.0 % RRTO 93: : ≤ 3.0 % (Any impurity) : ≤ 2.0 % (Total impurity): : ≤ 18.0 %
Potency (Dried basis)	:	≤ 19000 IU/mg
MSDS	:	available upon request