



Technical Data Sheet

PRODUCT : COLISTIN SULPHATE
MOLECULAR FORMULA : $C_{53}H_{102}N_{16}O_{17}S$
CAS NO. : 1264-72-8
MOLECULAR WEIGHT : 1267.6
STANDARD : GB1887-2007

ITEMS	STANDARD
DESCRIPTION	WHITE OR ALMOST WHITE POWDER
PH VALUE	4.0~6.0
LOSS ON DRYING	≤3.5%
(DRIED SUBSTANCE) COMPOSITION	E1,E2,E3,E1-I AND E1-7MOA : ≥77.0%
	E3: ≤10.0%
	E1-I: ≤10.0%
	E1-7MOA: ≤10.0%
RELATED SUBSTANCES	ANY IMPURITY: ≤4.0%
	TOTAL: ≤23.0%
(DRIED SUBSTANCE) SULFATE	16.0~18.0%
SULFATED ASH	≤1.0%
(DRIED SUBSTANCE) SPECIFIC OPTICAL ROTATION	-63°~ -73°
(DRIED SUBSTANCE) ASSAY	≥19000 ^U /mg

Vitusa Corp.

110 Charlotte Place, P.O. Box 1095, Englewood Cliffs, NJ 07632 USA
TEL: 201-569-0800 - FAX: 201-569-0849 - E-mail: email@vitusa.com