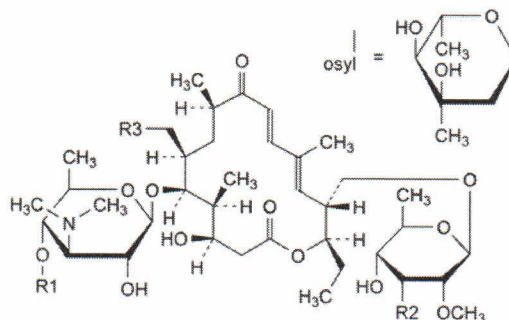


Tylosin EP9.0

Batch no 240609-308
Mf date Jun 11 2024
Expiry Jun 10 2027
Batch size 828.7 kg

Molecular Structure



Name	Mol. Formula	R1	R2	R3
tylosin A	C ₄₆ H ₇₇ NO ₁₇	osyl	OCH ₃	CHO
tylosin B	C ₃₉ H ₆₅ NO ₁₄	H	OCH ₃	CHO
tylosin C	C ₄₅ H ₇₅ NO ₁₇	osyl	OH	CHO
tylosin D	C ₄₆ H ₇₉ NO ₁₇	osyl	OCH ₃	CH ₂ OH

Molecular Weight 916.10

CAS Registry Number 1401-69-0

Oct 24 2024

Tests	Specifications	Results
Appearance	Off white or light yellow powder	Off white powder
Solubility	Soluble in ethanol & in dichloro-methane, slightly soluble in water; it dissolves in diluted mineral acid solution	Conforms
Identification	IR, RRT, no green colour develops	Positive
pH	8.5 ~ 10.5	9.3
Loss on drying	≤ 5.0%	1.05%
Sulfated ash	≤ 3.0%	0.23%
Tylosin compositions	Tylosin A ≥ 80%	95.36%
	Tylosin A+B+C+D ≥ 95.0%	98.15%
Potency (odb)	≥ 900 IU/mg	1015 IU/mg

Packaging & storage	Protected from light
Conclusion	Material complies with EP9.0