



CERTIFICATE OF ANALYSIS

Product Name	Tylosin Tartrate Granule	Batch No.	JL20251002
CAS	74610-55-2	MF Date	OCT.02,2025
Packing	15kg/carton	Analysis Date	OCT.02,2025
Quantity	3000kg	Expiry Date	OCT.01,2027
ITEM	STANDARD		RESULT
Appearance	Almost white or slightly yellow, hygroscopic granule.		Complies
Solubility	It is easily soluble in water and dichloromethane, slightly soluble in anhydrous ethanol, and soluble in dilute solution of inorganic acid.		Complies
Identification	The IR absorption spectrum of this product should be consistent with the control spectrum.		Complies
	The retention time of Tylosin A peak of the test solution shall be the same as that of the standard solution.		Complies
	It should be the positive reaction.		Complies
Acidity	pH value should be 5.0~7.2.		6.1
Tyramine	Absorption of the sample solution should not be greater than reference solution, The content should be less than 0.35%.		0.031%
Loss on drying	Not more than 4.5%.		2.7%
Residue on ignition	Not more than 2.5%.		0.31%
Granular Size	850um-180um(%) \geq 85%		95%
Tylosin A	Tylosin A \geq 80%.		95%
Total components	Tylosin A+B+C+D \geq 95%.		98%
Potency	The potency of 1 milligram sample is not less than 800U of tylosin on the dried basis.		918(Wet) 946(Dry)
Conclusion	Qualified		

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