

CERTIFICATE OF ANALYSIS

Product: Kitasamycin tartrate
Mfg. Date: 14/03/2015
Batch Quantity: 150kg

Batch No: 150308
Exp. Date: 13/03/2018
Packing: 20kg/drum*7+10kg/drum*1

Item	Specification	Result	Method
Characters	White to light yellow powder		Conforms
	Odorless and little bitter		
Identification	1) Sulfuric acid test:Solution shows brownish red colour.		Conforms
	2)retention time of four major peaks in the test solution correspond to that of A ₅ 、 A ₄ 、 A ₁ 、 A ₁₃ peak in standard solution		
	3)Responds to the tests for Tartaric acid		
PH	3.0~5.0		4.2
Water	≤5.0%		3.6%
Residue on ignition	≤0.5%		0.07%
Kitasamycin components	KitasamycinA ₄ :5%~25%		10.7%
	KitasamycinA ₁ :3%~15%		4.9%
	KitasamycinA ₅ :35%~70%		54.2%
	KitasamycinA ₁₃ :3%~15%		6.1%
	KitasamycinA ₉ +A ₈ + A ₇ + A ₁₁ +A ₆ +A ₄ +A ₁ + A ₃ + A ₁₃ ≥85%		86.7%
Assay	≥1100u/mg (On dried basis)		1415.1u/mg
Conclusion:	Conforms to CVP2010		

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