

Lote: 0120616

Hallochem Group

Chongqing Waycome Pharmaceutical Co.,Ltd.

CERTIFICATE OF ANALYSIS

Product name	SYNEPHRINE TARTRATE	Batch No.	ST-160503
Manuf. Date	2016-05-30	Expiry Date	2019-05-29
Quantity	100Kgs	Test Standard	Factory standard

TEST	SPECIFICATIONS	RESULTS
Description	A white or off- white crystalline powder	white powder crystalline
Identification	(1) bromine test (2) base MP (176-189℃) (3) color test (4) tartrate test	Complies 179-181℃ Complies Complies
Inspection	1. solution S: clarity 2. PH:5.0-6.5 3. Specific rotation: +11 ~ + 15°	Conform 6.3 12.6 °
Ketones	≤0.1%(310nm)	Complies
Melting point	183-187℃	186.5-187.1℃
Iron	≤5ppm	conform
Heavy metals	≤10ppm	<10ppm
As	≤1ppm	<1ppm
Cd	≤1ppm	<1ppm
Hg	≤0. 1ppm	<0.1ppm
Pb	≤3ppm	conform
Loss on drying	≤0.5%	0. 03%
Sulpahted ash	≤0.1%	0. 04%
Total plate conut	≤1000cfu/g	<10 cfu/g
Yeast and mould	≤100cfu/g	<10 cfu/g
E. coli	Negative	negative

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Samonlella	Negative	negative
Staphylococcus	Negative	negative
Residual solvents	$\leq 0.5\%$ (ethanol)	conform
Assay(on dry basis)	99.0% min	100.2%

Storage: Closed keep in cool,dry and dark place ;keep from heat and strong light

Conclusion: The product complies with the requirements of Factory standard

Quality Manager:

吴永章

Rechecker:

易洪斌

Analyst:

刘兵



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