

Hallochem Group

Chongqing Waycome Pharmaceutical Co.,Ltd.

CERTIFICATE OF ANALYSIS

Product name	SYNEPHRINE TARTRATE	Batch No.	ST-160702
Manuf. Date	2016-07-18	Expiry Date	2019-07-17
Quantity	100Kgs	Test Standard	Factory standard

TEST	SPECIFICATIONS	RESULTS
Description	A white or off- white crystalline powder	white crystalline powder
Identification	(1) bromine test (2) base MP (176-189°) (3) color test (4) tartrate test	Complies 177-179° Complies Complies
Inspection	1. solution S: clarity 2. PH:5.0-6.5 3. Specific rotation: +11 ~ + 15°	Conform 6.4 13.8°
Ketones	≤0.1%(310nm)	0.02%
Melting point	183-187°C	186.5-187.0°C
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%	0.04%
Sulphated ash	≤0.1%	0.02%
Total plate count	≤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)	0.04%
Assay(on dry basis)	99.0% min	100.4%

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:

宋永章

Rechecker:

易洪成

Analyst:

刘小英



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