

CERTIFICATE OF ANALYSIS

Alimemazine Tartrate

Batch No.: DR20161015	Quantity: 25kg
Manufacture Date: 2016.10.15	Retest Date: 2018.10.14

TESTS:

Items	Specification	Results
Appearance	A White or slightly cream powder	White crystalline powder
Melting point	159°C ~ 163°C	160°C ~ 161°C
Solubility	Freely soluble in water ;sparingly soluble in ethanol(96%);very slightly soluble in ether.	Conforms
Liquid identify	The peak of retention time should be consistent with the reference substance peak	Conforms
Ultraviolet identify	255,301nm	Conforms
Infrared identify	The infrared absorption spectrum of the resulting solution is concordant with the reference spetrum of alimemzaine	Conforms
Loss on drying	<0.5%	0.36%
Acidity	5.0~ 6.5	5.44
Sulphated ash	0.1%	0.08%
Heavy metals	0.002%	Conforms
Single impurity	≤0.5%	0.41%
Impurity sum	≤0.1%	0.42%
Assay (on dry base)	99.0%~ 101.0%	99.30%

Conclusion: The results conform with the BP2012 standard.

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