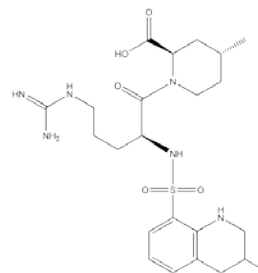


Certificate Of Analysis

Name: Argatroban
CAS No.: 74863-84-6
Cat No.: A838246
Batch No.: A09072017
Mfg.Date: 2017.07.09
Exp.Date: 2019.07.08



Items	Specifications	Results
Appearance	Off-white powder	Conforms
Identification	A.UV	Conforms
	B.HPLC	Conforms
	C.IR	Conforms
Water(KF)	2.5%~4.5%	3.5%
Related substances 1	Solution should be clear color	Conforms
	Impurity A+impurity H ≤0.1%	Conforms
	Impurity B ≤0.1%	Conforms
	Impurity C+impurity E ≤0.1%	Conforms
	Impurity D ≤0.1%	Conforms
	Impurity I ≤0.1%	Conforms
	Each of unspecified impurity ≤0.1%	0.04%
	Total impurity ≤0.3%	0.12%
Related substances 2	Impurity F ≤0.1%	ND
	Impurity G ≤0.1%	0.01%
Residual solvents	Methanol≤3000ppm	ND
	Ethanol≤5000ppm	368ppm
	Dichloromethane≤6000ppm	ND
	Ethyl acetate≤5000ppm	ND
	Triethylamine≤5000ppm	ND
	Acetic acid≤5000ppm	ND

Enantiomer(HPLC)	≤0.1%	ND
Isomer ratio(HPLC)	30.0%~40.0%	33.9%
Chloride	≤0.01%	conforms
Residue on ignition	≤0.1%	0.06%
Heavy metals	≤10ppm	Conforms
Bacterial Endotoxins	<5EU/mg	Conforms
	TAMC ≤100cuf/g	10cuf/g
Microbial Limit	TYMC ≤100cuf/g	10cuf/g
Assay	98%~102%(On anhydrous basis)	99.6%
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

** If you have any comments and suggestions, please contact us by sales@amadischem.com*