



Chuang Song Zong Pharmaceutical Co., Ltd Ligang Plant

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CERTIFICATE OF ANALYSIS

PRODUCT : 壽美降脂一號膠囊 LipoCol Forte Capsules Manufacturing Date. : 2023/02/03
BATCH No. : SM001302 Expiry Date : 2028/02/02
DOSAGE FORM : Capsules Date of Analysis : 2023/02/15~2023/03/01

DETERMINATION	SPECIFICATIONS	RESULT	TEST METHOD
Description	#0 Deep red color capsule, filling purple-red powder	Conform	Q08-SM001
Average Weight	700 mg±10 %	702.21 mg	Q08-SM001
Weight Variation	± 10 %	Pass	Q08-SM001
Disintegration Test	≤ 30 min	22'31"~27'24"	Q08-SM001
Loss on Drying	≤ 9.00%	4.20 %	Q08-SM001
Total Ash	≤ 5.00%	2.90 %	THP 4
Acid-Insoluble Ash	≤ 2.00%	0.22 %	THP 4
Dil. EtOH Extractives	≥ 12.00%	21.86 %	THP 4
H ₂ O Extractives	≥ 10.00%	22.13 %	THP 4
Total Heavy Metal	≤ 30 ppm	Pass	Ph.PRC 2020
Heavy Metal Limit Test			ICP-MS,QL (mg/kg)
Arsenic (As)	< 1.0 mg/kg	0.59 mg/kg	0.1
Copper (Cu)	< 50.0 mg/kg	4.58 mg/kg	2.0
Lead (Pb)	< 5.0 mg/kg	ND	0.1
Mercury (Hg)	< 0.2 mg/kg	ND	0.05
Cadmium (Cd)	< 0.5 mg/kg	0.16 mg/kg	0.01
Pesticides Limit Test			Ph.Eur 10.
1. Total DDT	≤ 0.2 mg/kg	ND	GC/MS/MS
2. Total BHC	≤ 0.2 mg/kg	ND	GC/MS/MS
Microbial Limit Test			Ph.Eur 10.
Total Aerobic Microbial Count	≤ 10000 CFU/g	15 CFU/g	Ph.Eur 2.6.12
<i>E. coli</i>	Absent in 1g	Negative	Ph.Eur 2.6.13
<i>Salmonella</i>	Absent in 10g	Negative	Ph.Eur 2.6.13
Identification			Q08-SM001
Lovastatin		Positive	TLC
Assay			Q08-SM001
Lovastatin	4.79~6.61 mg/Cap.	5.90 mg/Cap.	HPLC
Citrinin Limit Test	< 1.0 µg/g	ND	LC/MS/MS,QL(µg/g) 0.12

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Shu-Tuan Chiang
2023.03.06

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Manager of Q.A. Dept.