



Chuang Song Zong Pharmaceutical Co., Ltd Ligang Plant

No. 119-95, Sanhe Rd., Ligang Township,

Pingtung County 905004, Taiwan (R.O.C.)

Tel:886-8-7734343 Fax:886-8-7734346

CERTIFICATE OF ANALYSIS

PRODUCT : 壽美降脂一號膠囊 LipoCol Forte Capsules Manufacturing Date. : 2024/08/22
BATCH No. : SM001411 Expiry Date : 2029/08/21
DOSAGE FORM : Capsules Date of Analysis : 2024/09/05~2024/09/19

DETERMINATION	SPECIFICATIONS	RESULT	TEST METHOD
Description	#0 Deep red color capsule, filling purple-red powder	Conform	Q08-SM001
Average Weight	700 mg±10 %	701.87 mg	Q08-SM001
Weight Variation	± 10 %	Pass	Q08-SM001
Disintegration Test	≤ 30 min	18'34"~23'46"	Q08-SM001
Loss on Drying	≤ 9.0 %	3.28 %	Q08-SM001
Total Ash	≤ 5.0 %	3.01 %	THP 4
Acid-Insoluble Ash	≤ 2.0 %	0.19 %	THP 4
Dil. EtOH Extractives	≥ 12.0 %	23.06 %	THP 4
H ₂ O Extractives	≥ 10.0 %	24.29 %	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	0.68 mg/kg	0.1
Copper (Cu)	< 50.0 mg/kg	4.71 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	0.18 mg/kg	0.01
Pesticides Limit Test			Ph.Eur 11.
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 11.
Total Aerobic Microbial Count	≤ 10000 CFU/g	<10 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.	6.56 mg/Cap.	
Citrinin Limit Test	< 1.0 µg/g	ND	LC/MS/MS,QL(µg/g) 0.12

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Shu-Tuan Chiang 2024.09.20

Shu-Tuan Chiang

Manager of Q.A. Dept.