PHYTOCEE®

Acute Oral Toxicity Study of PHYTOCEE® : Effects on Clinical Signs and Mortality

OBJECTIVE

To assess the oral toxicity of PHYTOCEE® in female albino Wistar rats .

MATERIALS AND METHODS

Two types of oral toxicity studies were conducted viz. Sighting study and Main study. In sighting study, rats were treated with two doses of PHYTOCEE® viz. 2000 mg/kg body weight in Group I and 5000 mg/kg body weight in Group II. In main study rats were treated with PHYTOCEE® at 5000 mg/kg body weight. In the both the studies, on the day of dosing, all the animals were observed for mortality and clinical signs for first 10 min, 30 min, 1 h, 2 h, 4 h and 6 h after dosing and thereafter once a day for 14 days.

RESULTS

Effect of PHYTOCEE® on clinical signs and mortality in albino Wistar rats

Groups	Dose (mg/kg)	Clinical Signs	Mortality	
			Absolute	Relative %
Sighting Study				
I	2000	0	0	0
II	5000	0	0	0
Main Study				
I	5000	0	0	0

CONCLUSIONS

- Animal treated with PHYTOCEE® at the dose level of 2000 mg/kg and 5000 mg/kg body weight survived throughout the study period and did not show any major abnormal clinical signs following dosing and during the observation period of 14 days.
- Similarly, in the main study also, animals treated PHYTOCEE® at the dose level of 5000 mg/kg body weight survived throughout the study period and did not show any major abnormal clinical signs following dosing and during the observation period of 14 days.

OUTCOME

Hence, PHYTOCEE® was found to be safe after oral administration as a single dose up to 5000 mg/kg body weight in female albino Wistar rats.