

Table 2-1 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : home cage observations (Week 1)

Parameter	Sex	Male				Female			
		Dose (mg/kg)	0	100	300	1000	0	100	300
	No. of animals	12	6	6	12	12	6	6	12
Posture	Normal	12	6	6	12	12	6	6	12
Convulsion	None	12	6	6	12	12	6	6	12
Abnormal behavior	None	12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-2

A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks

Detailed clinical signs : home cage observations (Week 2)

Parameter	Sex	Male				Female			
	Dose (mg/kg)	0	100	300	1000	0	100	300	1000
	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-3                      A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : home cage observations (Week 3)

Parameter	Sex	Male				Female			
		Dose (mg/kg)	0	100	300	1000	0	100	300
	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-4                      A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
 Detailed clinical signs : home cage observations (Week 4)

Parameter	Sex	Male				Female			
	Dose (mg/kg)	0	100	300	1000	0	100	300	1000
	No. of animals	12	6	6	12	12	6	6	12
Posture									
Normal		12	6	6	12	12	6	6	12
Convulsion									
None		12	6	6	12	12	6	6	12
Abnormal behavior									
None		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-5                      A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
 Detailed clinical signs : home cage observations (Week 1 of recovery)

Parameter	Sex	Male		Female	
		Dose (mg/kg)	0	1000	0
	No. of animals	6	6	6	6
Posture					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6

No significant difference between treated group and control group.

Table 2-6 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : home cage observations (Week 2 of recovery)

Parameter	Sex	Male		Female	
	Dose (mg/kg)	0	1000	0	1000
	No. of animals	6	6	6	6
Posture					
Normal		6	6	6	6
Convulsion					
None		6	6	6	6
Abnormal behavior					
None		6	6	6	6

No significant difference between treated group and control group.

Table 2-7 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : in-the-hand observations (Week 1)

Parameter	Sex Dose (mg/kg) No. of animals	Male				Female			
		0	100	300	1000	0	100	300	1000
		12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		11	6	6	10	12	5	6	11
Some resistance/avoidance		1	0	0	1	0	1	0	1
Difficult		0	0	0	1	0	0	0	0
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		10	6	6	10	12	5	6	11
Slightly awkward		1	0	0	2	0	1	0	1
Difficult		1	0	0	0	0	0	0	0

No significant difference in any treated groups from control group.

Table 2-8 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : in-the-hand observations (Week 2)

Parameter	Sex	Male				Female			
	Dose (mg/kg)	0	100	300	1000	0	100	300	1000
	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		12	6	6	12	12	6	6	12
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.



Table 2-9 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : in-the-hand observations (Week 3)

Parameter	Sex Dose (mg/kg) No. of animals	Male				Female			
		0	100	300	1000	0	100	300	1000
		12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		12	6	6	12	11	6	6	12
Some resistance/avoidance		0	0	0	0	1	0	0	0
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-10 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : in-the-hand observations (Week 4)

Parameter	Sex	Male				Female			
	Dose (mg/kg)	0	100	300	1000	0	100	300	1000
	No. of animals	12	6	6	12	12	6	6	12
Ease of removal from cage									
Easy		12	6	6	12	12	6	6	12
Fur condition									
Normal		12	6	6	12	12	6	6	12
Skin									
Normal		12	6	6	12	12	6	6	12
Secretions-Eye, Nose									
Absent		12	6	6	12	12	6	6	12
Exophthalmos									
Absent		12	6	6	12	12	6	6	12
Palpebral closure									
Normal		12	6	6	12	12	6	6	12
Mucosal membranes									
Normal		12	6	6	12	12	6	6	12
Lacrimation									
Normal		12	6	6	12	12	6	6	12
Piloerection									
Absent		12	6	6	12	12	6	6	12
Pupil size									
Normal		12	6	6	12	12	6	6	12
Salivation									
None		12	6	6	12	12	6	6	12
Abnormal respiration									
Absent		12	6	6	12	12	6	6	12
Reactivity to handling									
Easy		12	6	6	12	12	6	6	12

No significant difference in any treated groups from control group.

Table 2-11 A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks  
Detailed clinical signs : in-the-hand observations (Week 1 of recovery)

Parameter	Sex	Male		Female	
	Dose (mg/kg)	0	1000	0	1000
	No. of animals	6	6	6	6
Ease of removal from cage					
Easy		6	6	6	6
Fur condition					
Normal		6	6	6	6
Skin					
Normal		6	6	6	6
Secretions-Eye, Nose					
Absent		6	6	6	6
Exophthalmos					
Absent		6	6	6	6
Palpebral closure					
Normal		6	6	6	6
Mucosal membranes					
Normal		6	6	6	6
Lacrimation					
Normal		6	6	6	6
Piloerection					
Absent		6	6	6	6
Pupil size					
Normal		6	6	6	6
Salivation					
None		6	6	6	6
Abnormal respiration					
Absent		6	6	6	6
Reactivity to handling					
Easy		6	6	5	6
Slightly awkward		0	0	1	0

No significant difference between treated group and control group.

Table 2-12

A 28-day oral toxicity study of paracetaldehyde in rats with a recovery period of 2 weeks

Detailed clinical signs : in-the-hand observations (Week 2 of recovery)

Parameter	Sex	Male		Female	
	Dose (mg/kg)	0	1000	0	1000
	No. of animals	6	6	6	6
Ease of removal from cage					
Easy		6	6	6	6
Fur condition					
Normal		6	6	6	6
Skin					
Normal		6	6	6	6
Secretions-Eye, Nose					
Absent		6	6	6	6
Exophthalmos					
Absent		6	6	6	6
Palpebral closure					
Normal		6	6	6	6
Mucosal membranes					
Normal		6	6	6	6
Lacrimation					
Normal		6	6	6	6
Piloerection					
Absent		6	6	6	6
Pupil size					
Normal		6	6	6	6
Salivation					
None		6	6	6	6
Abnormal respiration					
Absent		6	6	6	6
Reactivity to handling					
Easy		6	6	6	6

No significant difference between treated group and control group.