

Table 2 - continued Clinical signs C57BL/6N mice

Sex	Group and dose	Clinical sign	Days														
			4	5	6	7	8	9	10	11	12	13	14				
Female	600 mg/kg	Number of examined	6	6	6	6	6	6	6	6	6	6	6	6	6		
		No abnormality	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	648 mg/kg	Number of examined	6	6	6	6	6	6	6	6	6	6	6	6	6		
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0		
			700 mg/kg	Number of examined	6	6	6	6	6	6	6	6	6	6	6	6	6
				Dead	0	0	0	0	0	0	0	0	0	0	0	0	0
				Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0
				Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0
Pale skin	0			0	0	0	0	0	0	0	0	0	0	0	0		
Prone position	0			0	0	0	0	0	0	0	0	0	0	0	0		
Coma	0			0	0	0	0	0	0	0	0	0	0	0	0		
Abdominal deep respiration	0			0	0	0	0	0	0	0	0	0	0	0	0		
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0		
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0	0		
Hypothermia	0			0	0	0	0	0	0	0	0	0	0	0	0		

Table 3 Clinical signs in Aldh-/- mice

Sex	Group and dose	Clinical sign	Days																	
			JUS	5min	15min	30min	45min	1 hr	2 hr	3 hr	6 hr	1	2	3						
Male	515 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
		No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypoactivity	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Prone position	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Coma	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Abdominal deep respiration	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Male	556 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
				No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Dead	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypoactivity	8			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Staggering gait	8			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pale skin	0			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Prone position	0			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Coma	0			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Abdominal deep respiration	0			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Wheezing	0			0	3	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hypothermia	0			0	3	0	0	0	0	0	0	0	0	0	0	0	0	0		
Crouching	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bradypnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Flushing	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Table 3 - continued Clinical signs in Aldh-/- mice

Study No. P030002

Sex	Group and dose	Clinical sign	Days														
			0														
			JUS	5min	15min	30min	45min	1 hr	2 hr	3 hr	6 hr	1	2	3			
Male	600 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8		
		No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypoactivity	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pronc position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	648 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypoactivity	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pronc position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			700 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8
				Dead	0	0	0	0	0	0	0	0	0	0	0	0	0
				Hypoactivity	8	8	8	8	8	8	8	8	8	8	8	8	8
Staggering gait	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Pale skin	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Pronc position	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Coma	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Abdominal deep respiration	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Hypothermia	0			0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 3 - continued Clinical signs in Aldh-/- mice

Sex	Group and dose	Clinical sign	Days													
			4	5	6	7	8	9	10	11	12	13	14			
Male	515 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8	
		No abnormality	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	
			556 mg/kg	Number of examined	5	5	5	5	5	5	5	5	5	5	5	5
				No abnormality	5	5	5	5	5	5	5	5	5	5	5	5
				Dead	0	0	0	0	0	0	0	0	0	0	0	0
Hypoactivity	0			0	0	0	0	0	0	0	0	0	0	0		
Staggering gait	0			0	0	0	0	0	0	0	0	0	0	0		
Pale skin	0			0	0	0	0	0	0	0	0	0	0	0		
Prone position	0			0	0	0	0	0	0	0	0	0	0	0		
Coma	0			0	0	0	0	0	0	0	0	0	0	0		
Abdominal deep respiration	0			0	0	0	0	0	0	0	0	0	0	0		
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0		
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0		
Hypothermia	0			0	0	0	0	0	0	0	0	0	0	0		
Crouching	0			0	0	0	0	0	0	0	0	0	0	0		
Bradypnea	0			0	0	0	0	0	0	0	0	0	0	0		
Flushing	0			0	0	0	0	0	0	0	0	0	0	0		
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0				

Table 3 - continued Clinical signs in Aldh-/- mice

Sex	Group and dose	Clinical sign	Days																
			4	5	6	7	8	9	10	11	12	13	14						
Male	600 mg/kg	Number of examined	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		No abnormality	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Bratypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			648 mg/kg	Number of examined															
Dead																			
Hypoactivity																			
Staggering gait																			
Pale skin																			
Prone position																			
Coma																			
Abdominal deep respiration																			
Dyspnea																			
Wheezing																			
	700 mg/kg	Number of examined																	
		Dead																	
		Hypoactivity																	
		Staggering gait																	
		Pale skin																	
		Prone position																	
		Coma																	
		Abdominal deep respiration																	
		Dyspnea																	
		Wheezing																	

Table 3 - continued Clinical signs in Aldh-/- mice

Sex	Group and dose	Clinical sign	Days														
			0														
			JUS	5min	15min	30min	45min	1 hr	2 hr	3 hr	6 hr	1	2	3			
Female	515 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8		
		No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Hypoactivity	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Pale skin	0	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Prone position	0	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Coma	0	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Abdominal deep respiration	0	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			556 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8
				No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0
Dead	0			0	3	0	0	0	0	0	0	0	0	0	0	0	
Hypoactivity	8			0	0	0	0	0	0	0	0	0	0	0	0	0	
Staggering gait	8			0	0	0	0	0	0	0	0	0	0	0	0	0	
Pale skin	0			8	8	8	8	8	8	8	8	8	8	8	8	8	
Prone position	0			8	8	8	8	8	8	8	8	8	8	8	8	8	
Coma	0			8	8	8	8	8	8	8	8	8	8	8	8	8	
Abdominal deep respiration	0			8	8	8	8	8	8	8	8	8	8	8	8	8	
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Wheezing	0			0	3	0	0	0	0	0	0	0	0	0	0	0	
Hypothermia	0			0	3	0	0	0	0	0	0	0	0	0	0	0	
Crouching	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Bradypnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

Table 3 - continued Clinical signs in Aldh-/- mice

Study No. P030002

Sex	Group and dose	Clinical sign	Days																		
			0																		
			JUS	5min	15min	30min	45min	1 hr	2 hr	3 hr	6 hr	1	2	3							
Female	600 mg/kg	Number of examined	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4			
		No abnormality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Dead	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Prone position	0	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		Coma	0	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		Abdominal deep respiration	0	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypothermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	648 mg/kg	Number of examined	8	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Dead	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypoactivity	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Prone position	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Coma	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Abdominal deep respiration	0	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Wheezing	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypothermia	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			700 mg/kg	Number of examined	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Dead	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Hypoactivity	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Staggering gait	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pale skin	0			8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Prone position	0			8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Coma	0			8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Abdominal deep respiration	0			8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hypothermia	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Table 3 - continued Clinical signs in Aldh-/- mice

Sex	Group and dose	Clinical sign	Days															
			4	5	6	7	8	9	10	11	12	13	14					
Female	515 mg/kg	Number of examined	8	8	8	8	8	8	8	8	8	8	8	8	8			
		No abnormality	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			556 mg/kg	Number of examined	5	5	5	5	5	5	5	5	5	5	5	5	5	
				No abnormality	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypoactivity	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Staggering gait	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Pale skin	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Prone position	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Coma	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Abdominal deep respiration	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Hypothermia	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Crouching	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Bradypnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Flushing	0			0	0	0	0	0	0	0	0	0	0	0	0	0		
Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Table 3 - continued Clinical signs in Aldh-/- mice

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Sex	Group and dose	Clinical sign	Days														
			4	5	6	7	8	9	10	11	12	13	14				
Female	600 mg/kg	Number of examined	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		No abnormality	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Hypohermia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Crouching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Bradypnea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Flushing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Piloerection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		648 mg/kg	648 mg/kg	Number of examined	4	4	4	4	4	4	4	4	4	4	4	4	4
Dead	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Hypoactivity	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Staggering gait	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Pale skin	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Prone position	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Coma	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Abdominal deep respiration	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Dyspnea	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Wheezing	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
700 mg/kg	700 mg/kg	Number of examined	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
		Dead	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Hypoactivity	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Staggering gait	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Pale skin	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Prone position	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Coma	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Abdominal deep respiration	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Dyspnea	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Wheezing	0	0	0	0	0	0	0	0	0	0	0	0	0		

Table 6 Necropsy findings in survived male C57BL/6N mice

Organs and findings	Group and dose															
	515 mg/kg					556 mg/kg										
Animal No.	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
All organs and tissues	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR: no remarkable changes.

Table 6 - continued Necropsy findings in survived male C57BL/6N mice

Organs and findings	Group and dose		648 mg/kg
	600 mg/kg		
Animal No.	117	118	119
			130

All organs and tissues

NR NR NR NR NR

NR: no remarkable changes.

Table 7 Necropsy findings in survived female C57BL/6N mice

Organs and findings	Group and dose													
	515 mg/kg						556 mg/kg							
Animal No.	201	202	203	204	205	206	207	208	209	210	211	212	213	215
All organs and tissues	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR: no remarkable changes.

Table 7 - continued Necropsy findings in survived female C57BL/6N mice

Organs and findings	Group and dose			
	600 mg/kg			
Animal No.	217	218	219	222 223 224
All organs and tissues	NR	NR	NR	NR NR NR NR

NR: no remarkable changes.

Table 8 Necropsy findings in survived male Aldh-/- mice

Organs and findings	Group and dose													
	515 mg/kg				556 mg/kg				600 mg/kg					
Animal No.	301	302	303	304	305	306	307	308	309	310	311	313	316	319
All organs and tissues	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR: no remarkable changes.

Table 9 Necropsy findings in survived female Aldh-/- mice

Organs and findings	Group and dose																
	515 mg/kg			556 mg/kg			600 mg/kg										
Animal No.	401	402	403	404	405	406	407	408	409	410	414	415	416	418	420	423	424
All organs and tissues	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR: no remarkable changes.

Table 10 Necropsy findings in dead male C57BL/6N mice

Organs and findings	600 mg/kg						648 mg/kg						700 mg/kg								
	120	121	122	123	124	Animal No.	125	126	127	128	129	131	132	133	134	135	136	137	138	139	140
All organs and tissues	NR	NR	NR	NR	NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

NR: no remarkable changes.

Table 11 Necropsy findings in dead female C57BL/6N mice

Organs and findings	Group and dose		600 mg/kg		648 mg/kg					
	Animal No.		225	226	227	228	229	230	231	232
Urinary system										
Kidney										
Dilatation, pelvic cavity										

Grade sign: -, none; +, slight; ++, moderate; +++, severe.
No appreciable changes in all other organs and tissues.

Table 11 - continued Necropsy findings in dead female C57BL/6N mice

Organs and findings	Group and dose									
	700 mg/kg									
	233	234	235	236	237	238	239	240		
Animal No.										
Urinary system										
Kidney	-	-	-	-	-	-	-	-	-	-
Dilatation, pelvic cavity							+			

Grade sign: -, none; +, slight; ++, moderate; +++, severe.
No appreciable changes in all other organs and tissues.

Table 12 Necropsy findings in dead male Aldh-/- mice

Organs and findings	556 mg/kg			600 mg/kg			648 mg/kg		
	Animal No.			Animal No.			Animal No.		
Urinary system									
Kidney									
Dilatation, pelvic cavity	-	-	-	-	-	+	-	-	-

Grade sign: -, none; +, slight; ++, moderate; +++, severe.
No appreciable changes in all other organs and tissues.

Table 12 - continued Necropsy findings in dead male Aldh^{-/-} mice

Organs and findings	Group and dose							
	700 mg/kg							
	333	334	335	336	337	338	339	340
Urinary system								
Kidney								
Dilatation, pelvic cavity	-	-	+	-	-	-	-	-

Grade sign: -, none; +, slight; ++, moderate; +++, severe.
No appreciable changes in all other organs and tissues.