

**Table 5 Comparison of laboratory results for confirmed and non-confirmed small molecule disorders on admission to paediatric intensive care, January 2010–December 2014**

Laboratory test	Small molecule disorders cases				P-value
	Confirmed (n = 8)		Non-confirmed (n = 26)		
	No.	%	No.	%	
Hyperammonaemia	5	62.5	3	11.5	0.009*
Hyperuricaemia	7	87.5	8	30.8	0.011*
Hyperlactataemia	4	50.0	6	23.1	0.195
High pyruvate	1	12.5	1	3.8	0.421
High lactate/pyruvate ratio	3	37.5	2	7.7	0.072
Arterial blood gas					
Metabolic acidosis	6	75.0	15	57.7	
Normal arterial blood gas	0	0.0	3	11.5	
Respiratory acidosis	0	0.0	2	7.7	0.903
Compensated respiratory alkalosis	2	25.0	6	23.1	
Blood glucose					0.133
Normal	3	37.5	11	42.3	
Hypoglycaemia	3	37.5	2	7.7	
Hyperglycaemia	2	25.0	13	50.0	
Ketonaemia	3	37.5	2	7.7	0.072

\*Statistically significant,  $P \leq 0.05$ .