

**Table 2.** Contingency tables (A:  $2 \times 2$ ; B:  $3 \times 3$ ; C:  $5 \times 5$ ) comparing human and LLNA reference data for 128 substances.

		Human reference data categories														
LLNA reference data	A: $2 \times 2$	5 + 6	1-4	$\Sigma$	B: $3 \times 3$	5 + 6	3 + 4	1 + 2	$\Sigma$	C: $5 \times 5$	5 + 6	4	3	2	1	$\Sigma$
	NS	20	13	33	NS	20	11	2	33	NS	20	7	4	2	0	33
	S	20	75	95	EC3 > 1%	19	42	14	75	EC3 $\geq$ 10%	14	13	8	1	0	36
	$\Sigma$	40	88	128	EC3 < 1%	1	5	14	20	1% $\leq$ EC3 < 10%	5	7	14	12	1	39
					$\Sigma$	40	58	30	128	0.1% $\leq$ EC3 < 1%	1	2	2	8	2	15
										EC3 < 0.1%	0	0	1	1	3	5
										$\Sigma$	40	29	29	24	6	128
Accuracy		95/128 = 74.2%				76/128 = 59.4%				58/128 = 45.3%						