

ASSAY	ENDPOINT	CONCENTRAT RANGE	RESULT		REF
			A	B	
Mouse lymphoma assay	Gene mutation	0-61 µg/ml	-	(+)	[i]
Chinese hamster cells (CHL)	Chrom aberr	0-125 µg/ml	-	0	[ii][iii][iv]
Chinese hamster cells(CHL)	Chrom aberr	0-20 µg/ml	-	+	[v]
Chinese hamster cells (Don)	Chrom aberr	15.4-154 µg/ml	-	0	[vi]
Rat hepatocytes [vii][viii][ix]	UDS	.002-154 µg/ml	0	-	
Chinese hamster cells(CHL)	SCE	no data	-	0	[iii]
Chinese hamster cells (Don)	SCE SCE	15.4-154 µg/ml	-	0	[x]
L5178Y cells DNA unwinding	DNA damage	0-231 µg/ml	-	+	[xi]
Human lung fibroblasts WI-38 cells)	UDS	no data	-	-	[xii]
Human fibroblasts nick translation assay	DNA damage	15.4 µg/ml	-	0	[xiii]

RESULTS

A = No metabolic activation; B = in presence of S9 system

0 = no data

+ = positive,

- = negative

(+) = equivocal or weak positive