

Surveillance data on chloropropanols in soy sauces which made with acid-HVP that appropriate measures to reduce its 3-MCPD concentration

These data was extracted from the surveillance data that was submitted to JECFA in December 2005.

3-MCPD in Soy sauces (made with low 3-MCPD acid-HVP)

Table: 3-MCPD in soy sauces made with low 3-MCPD acid-HVP

Total number of sample	Minimum concentration (mg/kg)	Maximum concentration (mg/kg)	Median (mg/kg)	Mean (mg/kg)
45	0.004	0.036	0.014	0.016

Concentration (mg/kg)	Number of samples	Ratio (%)	Comulative No. of samples	Ratio (%)
$X \leq 0.005$	2	4%	2	4%
$0.005 < X \leq 0.010$	10	22%	12	27%
$0.010 < X \leq 0.015$	11	24%	23	51%
$0.015 < X \leq 0.020$	12	27%	35	78%
$0.020 < X \leq 0.025$	5	11%	40	89%
$0.025 < X \leq 0.030$	3	7%	43	96%
$0.030 < X$	2	4%	45	100%

X = concentration

Limit of quantification = 0.004 mg/kg

Fig.: Frequency distribution

