



Research Article

Incidence of Patulin-Producing Fungi in Some Foods: Isolation, Patulin Analysis and Risk Assessment

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Keywords | *Penicillium* spp., *Aspergillus* spp., Apple juice, Patulin, ITS, Risk assessment



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Table S1. Estimated daily intake (EDI), Target Hazard Quotient (THQ), and Total Target Hazard Quotient (TTHQ) values of PAT detected in different juice types.

Juice type	C (µg/L)	IGR (g/day)	BW (kg)	EDI (µg/kg/day)	PMTDI (µg/kg/day)	THQ	TTHQ
Children (Age 7 year, Body weight 25.1 kg, daily consumption 365 day/year)							
Apple	13.91	111.5	25.5	0.061	0.4	0.152	0.477
Orange	27.36	112	25.5	0.120	0.4	0.300	
Grape	1.68	111.5	25.5	0.007	0.4	0.018	
Cocktail	0.56	111.5	25.5	0.002	0.4	0.006	
Adolescent (Age 13 year, Body weight 51.1 kg, daily consumption 365 day/year)							
Apple	13.91	173	51.1	0.047	0.4	0.118	0.374
Orange	27.36	177	51.1	0.095	0.4	0.237	
Grape	1.68	175	51.1	0.006	0.4	0.014	
Cocktail	0.56	175	51.1	0.002	0.4	0.005	
Adult (Age 50 year, Body weight 73.5 kg, daily consumption 365 day/year)							
Apple	13.91	72.5	73.5	0.014	0.4	0.034	0.098
Orange	27.36	62.5	73.5	0.023	0.4	0.058	
Grape	1.68	67.5	73.5	0.002	0.4	0.004	
Cocktail	0.56	67.5	73.5	0.001	0.4	0.001	
Reference	Minimum concentrations detected in this study were used	EPA. (2011b)	EPA. (2011a)	Calculated from an equation reported by Saleh and Goktepe (2019)	EC. (2006)	Calculated from an equation reported by Saleh and Goktepe (2019)	

C: PAT concentration, IGR: Ingestion rate of food, EDI: Estimated daily intake, PMTDI: Provisional maximum tolerable daily intake
THQ: Target hazard quotient, TTHQ: Total target hazard quotient.