

ASPARTAME, METHYLEUGENOL, AND ISOEUGENOL

VOLUME 134

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ON THE IDENTIFICATION
OF CARCINOGENIC HAZARDS
TO HUMANS

SUMMARY OF FINAL EVALUATIONS

Summary of final evaluations for Volume 134

Agent	Evidence stream			Overall evaluation
	Cancer in humans	Cancer in experimental animals	Mechanistic evidence	
Aspartame	<i>Limited</i>	<i>Limited</i>	<i>Limited</i>	Group 2B
Methyleugenol	<i>Inadequate</i>	<i>Sufficient</i>	<i>Strong^a</i>	Group 2A
Isoeugenol	<i>Inadequate</i>	<i>Sufficient</i>	<i>Inadequate</i>	Group 2B

^a *Strong* in experimental systems, including studies in humanized mice and supported by mechanistic studies in exposed humans.