

Contents

List of participants	v
List of abbreviations	viii
1. Introduction	1
1.1 Declarations of interests	2
1.2 Modification of the agenda	2
2. General considerations	5
2.1 Report from the Forty-eighth Session of the Codex Committee on Food Additives (CCFA)	5
2.2 Principles governing the toxicological evaluation of compounds on the agenda	6
2.2.1 Revisions of the Procedure for the Safety Evaluation of Flavouring Agents	6
2.2.2 Approach for prioritizing flavouring agents for re-evaluation	9
2.3 Food additive specifications and analytical methods	9
2.3.1 Replacement of packed column gas chromatographic methods in the specifications monographs	9
2.3.2 Revision of the FAO JECFA Monographs 1, Combined Compendium of Food Additive Specifications, Vol.4	9
2.3.3 Limits for lead in specifications of food additives for use in infant formula	10
2.3.4 Use of chloroform as solvent in the test methods associated with specifications monographs for synthetic colours	11
2.4 Flavour specifications	12
2.4.1 General inclusion of infrared spectra	12
2.4.2 Inclusion of chemical structures in the JECFA flavourings database	12
3. Specific food additives (other than flavouring agents)	13
3.1 Safety evaluations	13
3.1.1 AlluraRedAC	13
3.1.2 Carob bean gum ¹	21
3.1.3 Lutein esters from <i>Tagetes erecta</i>	28
3.1.4 Octenyl succinic acid (OSA)-modified gum arabic	30
3.1.5 Pectin ¹	34
3.1.6 Quinoline Yellow	39
3.1.7 Rosemary extract	45
3.1.8 Steviol glycosides	54
3.1.9 Tartrazine	63
3.1.10 Xanthan gum ¹	72
3.2 Revision of specifications and analytical methods	81
3.2.1 Aspartame	81
3.2.2 Cassia gum	81
3.2.3 Citric and fatty acid esters of glycerol (CITREM)	82
3.2.4 Modified starches	83
3.2.5 Octanoic acid	84

¹ For use in infant formula and formula for special medical purposes intended for infants.

3.2.6	Starch sodium octenyl succinate	84
3.2.7	Total colouring matters	84
4.	Flavouring agents	87
4.1	Flavouring agents evaluated by the Procedure for the Safety Evaluation of Flavouring Agents	87
4.1.1	Alicyclic, alicyclic-fused and aromatic-fused ring lactones	90
4.1.2	Aliphatic and aromatic amines and amides	94
4.1.3	Aliphatic secondary alcohols, ketones and related esters	105
4.1.4	Cinnamyl alcohol and related substances	111
4.1.5	Tetrahydrofuran and furanone derivatives	119
4.2	Specifications of identity and purity of flavouring agents	126
4.2.1	New specifications	126
4.2.2	Revised specifications	126
5.	Future work and recommendations	129
	Acknowledgements	135
	References	137
	Annex 1	
	Reports and other documents resulting from previous meetings of the Joint FAO/WHO Expert Committee on Food Additives	139
	Annex 2	
	Toxicological information and information on specifications	151
	Annex 3	
	Summary of the safety evaluation of the secondary components of flavouring agents with minimum assay values of less than 95%	159
	Annex 4	
	Meeting agenda	161