Contents

1.	Intro	oduction	1
2.	Ger	neral considerations Modification of the agenda	1
	2.2	Principles governing the toxicological evaluation of compounds	
	2.3	on the agenda The safety evaluation of flavouring agents	2
	2.0	2.3.1 Estimating intake of flavouring agents	2
		2.3.2 Flavour complexes derived from natural sources	3
	2.4	Evaluation of dietary nutrients and other ingredients	10
	2.5	Principles governing the establishment and revision of specifications	10
		2.5.1 Determination of carotenoids	10
		2.5.2 Revision of heavy metals and arsenic specifications	10
	2.6 2.7	Core Standing Committee for JECFA Provision of scientific advice by FAO and WHO	11 12
	2.8	IPCS Project on Dose–Response Modelling	12
	2.9	Joint FAO/WHO Project to Update the Principles and Methods	
		for the Risk Assessment of Chemicals in Food	13
3.		cific food additives (other than flavouring agents)	13
	3.1	Safety evaluations 3.1.1 Benzoyl peroxide	13 13
		3.1.2 α-Cyclodextrin	16
		3.1.3 Hexose oxidase from <i>Chondrus crispus</i> expressed in	
		Hansenula polymorpha	21
		3.1.4 Lutein from <i>Tagetes erecta</i> L.3.1.5 Peroxyacid antimicrobial solutions containing	23
		1-hydroxyethylidene-1,1-diphosphonic acid (HEDP)	26
		3.1.6 Steviol glycosides	34
		3.1.7 p-Tagatose	39
		3.1.8 Xylanases from <i>Bacillus subtilis</i> expressed in <i>Bacillus subtilis</i>	42
		3.1.9 Zeaxanthin	45
	3.2	Revision of specifications	48
		3.2.1 Aluminium powder, iron oxides and titanium dioxide3.2.2 Aluminium lakes of colouring matters — general	48
		specifications	49
		3.2.3 Hydroxypropyl cellulose	50
		3.2.4 Hydroxypropylmethyl cellulose	50
		3.2.5 Magnesium sulfate3.2.6 Polyvinyl alcohol	50 51
	3.3	Revision of metals levels and arsenic specifications	51
4.	Flav	ouring agents	51
	4.1	Flavouring agents evaluated by the Procedure for the Safety	
		Evaluation of Flavouring Agents	51
		4.1.1 Pyridine, pyrrole and quinoline derivatives	55

4.1.2		64 73		
4.1.3 4.1.4		13		
4.1.5	related alcohols, acetals and esters	77		
4.1.5				
	related esters	86		
4.1.6		98		
4.1.7		106		
4.1.8				
	aldehydes and esters	113		
5. A natura	Constituent: glycyrrhizinic acid	121		
6. Future w	ork	126		
o. Future w	OIK	120		
7. Recomm	endations	126		
Acknowledgement				
References				
Appay 1				
Annex 1 Reports and	other documents resulting from previous meetings of			
the Joint FAO/WHO Expert Committee on Food Additives				
Annex 2				
	laily intakes, other toxicological information and information			
on specificat	ions	137		
Annex 3				
Further information required or desired				
r di tiroi iirroi	nation required or desired	146		
Annex 4				
	the safety evaluation of secondary components of flavouring			
agents with	minimum assay values of less than 95%	147		
Corrigenda				
		157		