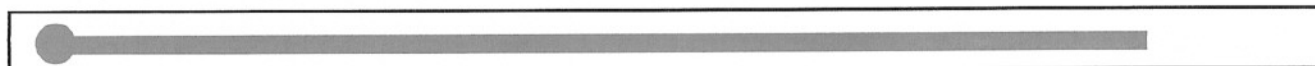


Intestinal Bacterial Metabolites

PhAc	X H	PhProp	pHBenz	H	pHPhAc	H
Indican	H	Tricarballoylate	D-Lactate	H	DHPP	



Low significance

High significance

Intestinal Yeasts / Fungal Metabolites

D-Arabinitol

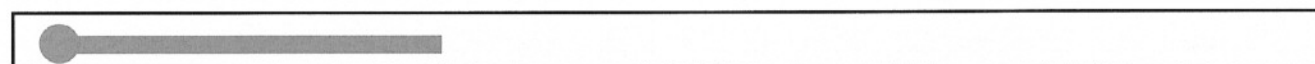


Low significance

High significance

Digestion/Absorption

Arginine	X L	Histidine	X L	Isoleucine	Leucine
Lysine	X L	Methionine	X L	Phenylalanine X L	Threonine X L
Tryptophan	X L	Valine	Chromium	X L	Copper
Manganese		Selenium	Vanadium	X L	Zinc



Low significance

High significance

Toxic Exposure

Aluminum		Cadmium		Lead		Mercury	
Palmitelaidic		C18TrFA		Citrate	H	Cis-Aconitate	H
Isocitrate	H	Quinolate	H	2-MeHipp		Orotate	
Glucarate	X H						

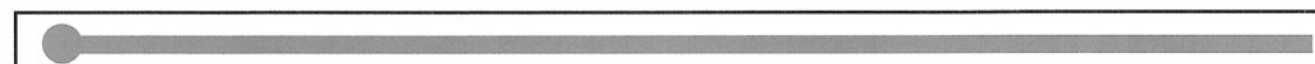


Low significance

High significance

Detoxification Impairment

Methionine	X L	Glycine	X L	Serine	X L	Taurine
Glutamine	X L	Pyroglutamate	Sulfate	Benzoate	X H	



Low significance

High significance