

Sampling & Analysis Plan



DESCRIPTION	FREQUENCY OF ANALYSIS	EXTRA ATTENTION
Botanical inspection on receipt (appearance / identity / foreign bodies / moisture)	Systematic	Egypt / China / India / Macedonia
Botanical identification	Systematic, go to next step in case of doubt: 1 - Macroscopic identification 2 - TLC 3 - Analysis by LPPAM	No
Pesticides Screening analysis of 500 molecules (covering the Pharmacopoeia + Regulation no. 396/2005) Polynuclear aromatic hydrocarbons (PAH)	External analysis of at least 50 plants/year, chosen based on risks and excluding products analysed by suppliers Analysis as per sampling plan	Egypt / China / India
Heavy metals Lead Cadmium Mercury Arsenic Tin Iodine Copper	External analysis of at least 50 plants/year, chosen based on risks and excluding products analysed by suppliers Analysis as per sampling plan All kelp Grape vines	All kelp No No
Mycotoxins Aflatoxin B1 Sum of Aflatoxins B1, B2, G1 & G2 Ochratoxin A	All products with a mould content of more than 80,000 g / g (European Pharmacopoeia standard → 100,000 g / g * 80%)	Seeds / Harpagophytum / Senna / Ginger Liquorice
Microbiological analysis, Cat. A Microbiological analysis, Cat. B Microbiological analysis, Cat. C Bacteriology Faecal coliforms Sulphite-reducing anaerobes <i>Staphylococcus aureus</i> <i>Clostridium perfringens</i> Microbial contamination EHIA dried plants for infusions	Systematic on batches of more than 75 kg, for which Category C is insufficient Depending on specific usage 2 out of 3 batches of more than 75 kg (1 out of 3 batches of more than 75 kg not tested and guaranteed, but only if at least the last two analyses of the previous batches of the same plant from the same supplier and the same origin were compliant) All kelp Depending on specific usage	Egypt / China / India At the client's request Egypt / China / India At the client's request At the client's request
Pyrolizidine alkaloids	As per client request	Rooibos Green tea / Black tea Chamomile Infusion plants and blends Fennel
Other requests (proportions of specific substances)	As per client request	No