

# Part III Appendix 1 Example format for draft compositional guidelines for complementary medicine substances

## Name of the substance

This name must refer to the current or proposed Australian Approved Name (AAN) of the substance.

## Character of the substance

Provide a brief, general description of the substance, its source and how the substance relates to its original source. It is important to include details of any processes that would distinguish the substance from similar yet different substances. For example: Compound X is a salt of citric acid and sodium hydroxide.

**Table 5. Substance specific requirements**

Requirement	Method(s)	Limits
<p><b>Description</b></p> <p>Give a physical description of the substance including such items as physical form, colour, texture, viscosity, crystallinity (if solid) and organoleptic qualities. <i>e.g. white to straw crystalline solid.</i></p> <p>Describe other, more-specific tests such as:</p> <ul style="list-style-type: none"> <li>– melting point / boiling point</li> <li>– moisture content / loss on drying</li> <li>– solids content</li> <li>– pH of aqueous solution.</li> </ul>	Visual or otherwise. Refer to pharmacopoeial methods where possible (attach details of proprietary methods)	Complies

Requirement	Method(s)	Limits
<p><b>Identification</b> Describe qualitative or general tests that distinguish the substance from similar yet different substances.</p> <p>For Example:</p> <ul style="list-style-type: none"> <li>– limit tests</li> <li>– refractive index</li> <li>– optical rotation</li> <li>– ultraviolet or infra-red spectrum</li> <li>– colour tests for anions or cations.</li> </ul>	List methods of identification. Refer to pharmacopoeial methods where possible (attach details of proprietary methods)	Complies
<p><b>Assay</b> Describe quantitative or specific tests that determine the presence and amount of a specific substance. More than one substance can be assayed.</p>	State and if necessary describe methods of assay or provide brief details.	Limits for assay(s) taking into account practical but reasonable biological, physical and chemical variation

Table 6. Incidental constituents

Requirement	Method(s)	Limits
<p><b>Solvent Residues</b> Specifically address those solvents that are included in the default standards.</p> <p>Address any additional solvents that may be used in the production, preparation, manufacturing or formulation</p>	List methods of assay e.g. BP 2003 Appendix VIII C	Total limit of solvents  Solvent specific limits
<p><b>Incidental metals and non-metals</b> Specifically address the metals in the <i>British Pharmacopoeia</i> (BP) limit test for heavy metals (Appendix VII). Include any limits for specific metals or non-metals e.g. cadmium, arsenic, lead, mercury</p>	List methods of assay e.g. BP 2003 Appendix VIII C	Total limit of heavy metals  Metal specific limits

Requirement	Method(s)	Limits
<p><b>Microbiology</b></p> <p>Consider including limits for those microorganisms in the TGO 77 Microbiological standards for medicines</p> <p>Investigate any additional micro-organisms that may be specific for the substance e.g. for substances derived from chicken consider <i>Salmonella</i> and <i>Campylobacter</i> limits</p>	List methods	Total and specific microbiological loading
<p><b>Pesticide residues (including agricultural and veterinary substances)</b></p> <p>Specifically address the limits stipulated in the BP2003 Appendix XI L and whether the product would comply with these limits. In addition state any additional residue limits that may be relevant.</p>	List methods of assay e.g. BP 2003 Appendix XI L	e.g. complies with limits in BP2003
<p><b>Other organic or inorganic impurities or toxins</b></p> <p>Include other substances that may be of safety or therapeutic significance.</p> <p>What specific substances are assayed? E.g. dioxins, PCBs, mycotoxins</p> <p>Give consideration to by-products, co-extracted substances, inactive isomers and degradation products</p>	List methods of assay	<p>Total limit of impurities in substance</p> <p>Impurity specific limits</p>