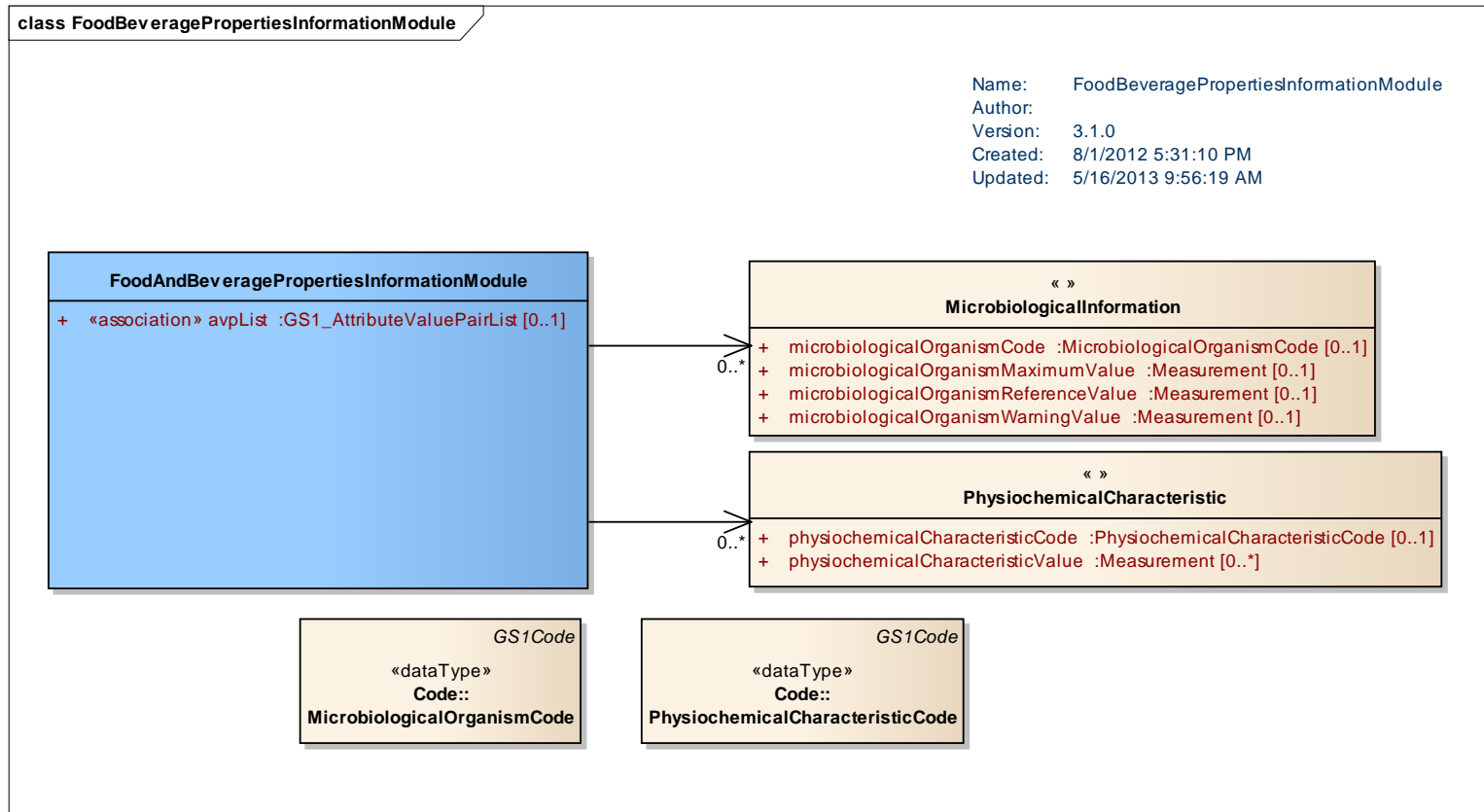


5.25. Food and Beverage Properties Information Module



content	attribute / role	datatype /secondary class	multipli city	definition
FoodAndBeveragePropertiesInformationModule				Information on physiochemical or other properties of food and beverage products.
Association	avpList	GS1_AttributeValuePairList	0..1	The transmission of non-standard data done in a simple, flexible, and easy to use method.
Association		MicrobiologicalInformation	0..*	Information on the maximum allowable presence of certain micro-organisms as guaranteed by the manufactures upon receipt of the goods.
Association		PhysiochemicalCharacteristic	0..*	Information on the product's physicochemical characteristics.
MicrobiologicalInformation				Information on the maximum allowable presence of certain micro-organisms as guaranteed by the manufactures upon receipt of the goods.
Attribute	microbiologicalOrganismCode	MicrobiologicalOrganismCode	0..1	Code indicating the type of microbiological organism.
Attribute	microbiologicalOrganismMaximumValue	Measurement,	0..1	Maximum allowable Colony Forming Units (CFU) of the microbiological organism per weight or volume.
Attribute	microbiologicalOrganismReferenceValue	Measurement	0..1	Reference values give an indication of which product specific ranges of micro organisms are to be expected and which micro organism contents in the appropriate food products are acceptable due to hygiene rules. Per definition this value reflects a microbiological limit which in a 2–class plan, separates good quality from defective quality or in a 3–class plan, separates good quality from marginally acceptable quality. With regard to the audit of the production processes exceeding the microbiological reference limit means, it indicates there are leak points in the production process and the hygienic situation needs to be increased.
Attribute	microbiologicalOrganismWarningValue	Measurement	0..1	A microbiological limit which, in a 3–class plan, separates marginally acceptable quality from defective quality. Exceeding the limits of the allowed content of micro organisms defined as warning values indicating there is a poor quality of the hygiene standard in the food production. This would probably lead to health hazards.
PhysiochemicalCharacteristic				Information on the product's physicochemical characteristics.



content	attribute / role	datatype /secondary class	multipli city	definition
Attribute	physiochemicalCharac teristicCode	PhysiochemicalCh aracteristicCode	0..1	Code indicating the type of physiochemical characteristic.
Attribute	physiochemicalCharac teristicValue	Measurement	0..*	Measurement value of the physicochemical characteristic.