

## Product Information Sheet

**Product Name:** Fermented Flavour Standard  
**Product Number:** 695-FER-5-GMP  
**Document Code:** PIS Fermented FS 0003  
**Revision Number:** 0003  
**Revision Date:** 15th February 2016

### Product Description

Fermented GMP Flavour Standard is used in the sensory training and validation of sensory panels in the beer and beverage industry.

When placed into beer or another liquid this flavour standard imparts a fermented, rotten cheese and mouldy flavour. Sensory panellists should learn to taste and smell this flavour as part of a regular sensory quality control training program.

Fermented GMP Flavour Standards are provided in powder form in single dose gelatine capsules within a pharmaceutical grade blister pack for improved product stability and ease of use.



### Product Quality - GMP Flavour Standards

All FlavorActiV GMP Flavour Standards are produced to pharmaceutical grade quality control systems and standards within our dedicated production facility.

Our flavour centre uses Good Manufacturing Practices (GMP) and this quality system has been audited and certified by the Medicines and Healthcare Regulatory Authority (MHRA).

Our dedicated flavour centre is built to pharmaceutical grade specifications around the concept of handling flavours in liquid and powder forms in a controlled environment. This eliminates any flavour cross contamination and any extraneous taints and chemicals from entering our GMP Flavour Standards that may detract from their quality.

This ensures that each FlavorActiV GMP Flavour Standard is produced to highest quality possible.

### Product Use

1. To use a flavour standard push the gelatine capsule through the protective silver foil.
2. Prepare the volume of beverage you would like to impart the flavour to - recommended 1 litre. Allow any foam to reduce.
3. Gently tap the gelatine capsule with your finger and remove the top half.
4. Pour slowly and evenly into the beverage.
5. Swirl the beverage for a few moments to distribute the flavour.
6. Pour samples and taste the beverage with your sensory panel



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### Technical Specifications:

Product form:	Flavour standards in pharmaceutical grade blister packaging.
Flavour Imparted:	Ethyl Isovalerate
FEMA flavour number:	2463
EC chemical number:	108-64-5
CAS chemical number:	203-602-3
Amount of flavour per flavour standard:	60 mg
Excipients per capsule:	B-cyclodextrin, sucrose
Average volumetric contents per flavour standard:	500 mg
Solubility:	Soluble in all liquid beverages and foodstuffs
Quality control system:	Pharmaceutical GMP quality systems
Country of manufacture:	United Kingdom

### Product Health Comments:

Acceptable daily intake – beverage (ADI) -	FDA PART 172 -- FOOD ADDITIVES PERMITTED FOR DIRECT ADDITION TO FOOD FOR HUMAN CONSUMPTION
Microbiological contaminants - yeast and moulds	<100 cfu / capsule (<100 cfu per 100 ml in 1 litre)
Microbiological contaminants - bacteria	<100 cfu / capsule (<100 cfu per 100 ml in 1 litre)
Additional Comments:	Flavour commonly occurs in beverages and used as a flavour additive.
Allergen Advice:	This GMP flavour standard is free from all allergens listed under EU FIC requirements and is produced in a pharmaceutical allergen free environment under strict controls with no risk of cross contamination.

### Other Comments:

Disclaimer:	The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. FlavorActiV shall not be held liable for any damage resulting from handling or from contact with the above product.
Manufacturer Notice:	FlavorActiV™ flavour standards are manufactured by Quay Pharma ( <a href="http://www.quaypharma.com">www.quaypharma.com</a> )