Modification history

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| Release | Comments |
| Release 1 | This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 6.0 |

| FBPOPR3XX2 | Participate in sensory analyses |
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| Application | This unit of competency describes the skills and knowledge required to participate in sensory analyses of food products and ingredients.  This unit applies to individuals who work in the food processing industry within a team. It covers analyses of food product or ingredients using taste, texture, appearance and smell.  All work must be carried out to comply with workplace procedures according to state/territory health and safety regulations, legislation and standards that apply to the workplace.  No licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Operational (OPR) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Prepare to conduct sensory analysis | 1.1 Interpret work instructions from supervisor and clarify where required  1.2 Identify health and safety hazards and ensure controls are in place  1.3 Wear appropriate personal protective clothing and equipment and ensure correct fit  1.4 Ensure that personal conduct and the test environment are appropriate to conducting sensory analysis  1.5 Recognise any personal sensory blind spots |
| 2. Conduct sensory analysis | 2.1 Ensure that samples are available for analysis  2.2 Use the correct method and criteria for sampling according to workplace procedures and requirements  2.3 Analyse samples using analysis criteria  2.4 Identify and report defects or abnormalities in sample  2.5 Record results according to workplace procedures |

| Foundation Skills  This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. | |
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| Skill | Description |
| Reading | * Interpret standard operating procedures (SOPs), specifications and sampling plans |
| Writing | * Complete sampling records using electronic, digital and/or paper-based formats |
| Oral communication | * Use industry terminology to describe sensory properties of samples |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| FBPOPR3XX2 Participate in sensory analyses | FBPOPR2014 Participate in sensory analyses | AQF identifier in unit code updated to better match complexity of work task  Minor changes to Performance Criteria to clarify intent  Foundation skills refined  Performance Evidence clarified  Minor changes to Knowledge Evidence and Assessment Conditions | Equivalent |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet:  <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4> |

| TITLE | Assessment requirements for FBPOPR3XX2 Participate in sensory analyses |
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| Performance Evidence | |
| An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit.  There must be evidence that the individual has participated in sensory analyses of food and/or beverage products and ingredients to analyse at least three different products, including:   * describing the products using appropriate industry terminology, against set criteria * identifying product faults * declaring any personal blind spots. | |

| Knowledge Evidence |
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| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:   * health and safety hazards and controls, including the purpose and limitations of personal protective equipment (PPE) and clothing * principles of sensory analysis, including attributes that can be detected by taste and smell, how these different tastes are detected, and an understanding of attributes detected by mouth feel and appearance * sensory analysis system and procedures * specific criteria used to evaluate material/product samples and the associated descriptions * sample preparation requirements, including the effect of sample temperature on sensory analysis * the effect of personal conduct on analytical ability, including stimuli and conditions that can dull sensitivity * requirements of the environment appropriate to conducting sensory analyses * the components of material/product sampled that contribute to flavour, aroma, appearance and texture * the likely causes of variation in results, including typical variation that can occur in the material/product and how these occur, as well as how the method of analysis, environment and state of individual participants can affect the outcome * procedures and responsibility for recording and reporting sensory analysis information. |

| Assessment Conditions |
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| Assessment of skills in this unit of competency must take place under the following conditions:   * physical conditions: * a workplace or an environment that accurately represents workplace conditions * resources, equipment and materials: * personal protective clothing and equipment * recording and reporting media * products or ingredients to be sampled * specifications: * work instruction, sensory analysis criteria.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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