



No. 136

Hong Kong DNA Chips Limited

香港基因晶片開發有限公司

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CLIENTELE : Public
服務對象 公眾

ACCREDITED TEST CATEGORIES : Food 食品
認可測試類別

SCOPE OF ACCREDITATION : As shown on the following pages 詳見後頁
認可範圍

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TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
FOOD 食品	Soy and soy derived food Corn and corn derived food Tomato and tomato derived food Potato and potato derived food Beer, biscuit, bread, sauce, seasoning, vegetables	<p>Qualitative screening of transgenic traits:- (Part of the sequence of)</p> <ul style="list-style-type: none"> - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - The junction between the 35S promoter and the chloroplast transit peptide (CTP) sequence derived from the <i>Petunia hybrida</i> 5-enolpyruvylshikimate 3-phosphate synthase (EPSPS) gene (Roundup Ready) - CryIA(b) gene from <i>Bacillus thuringiensis</i> (Bt endotoxin) - DNA fragment containing the No.6 intron sequence (IVS6) from maize alcohol dehydrogenase 1 gene (adh1-1S) 5' - synthetic cryIA(b) gene 3' (Bt 11) - maize phosphoenolpyruvate carboxylase promoter (PEPC pro) 5' – synthetic cryIA(b) derived from <i>Bacillus thuringiensis</i> subsp Kurstaki strain HD-1 -3' (Bt 176) - fragment of DNA (hsp70 int) containing the No.1 intron sequence from maize hsp70 gene (heat-shock protein) 5' – synthetic cryIA(b) gene 3' (MON 810) <p>Qualitative screening of transgenic traits:- (Part of the sequence of)</p> <ul style="list-style-type: none"> - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - The junction between the 35S promoter and the chloroplast transit peptide (CTP) sequence derived from the <i>Petunia hybrida</i> 5-enolpyruvylshikimate 3-phosphate synthase (EPSPS) gene (Roundup Ready) - CryIA(b) gene from <i>Bacillus thuringiensis</i> (Bt 176) 	<p>In-house method DNA-WI-02 SOP G1, G2, G3 and G4 (Polymerase chain reaction with gel image analysis)</p> <p>In-house method DNA-WI-02 SOP L1, L2, L3 and L4 (Real time Polymerase chain reaction)</p>

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FOOD 食品 (cont'd)	Soy and soy derived food	Quantitative tests of transgenic traits in soy using: (Part of the sequence of) - The junction between the 35S promoter and the chloroplast transit peptide (CTP) sequence derived from the <i>Petunia hybrida</i> 5-enolpyruvylshikimate 3-phosphate synthase (EPSPS) gene (Roundup Ready)	In-house Method DNA-WI-02 SOP K1, K2, K3, K4 & K5 (Real time Polymerase chain reaction)