

Leanness-Enhancing Agent Analysis 瘦肉精測試



Clenbuterol 克崙特羅	Salbutamol 沙丁胺醇	Ractopamine 萊克多巴胺
<p>Veterinary drugs : A β-agonist drug (used as feed additive to promote growth and increase muscle leanness) 獸藥：乙類促效劑 (用作為農場動物飼料中的添加劑，可促進生長，令動物增加瘦肉比例和增加產肉動物的肌肉量)</p>		
<p>PROHIBITED In accordance to the Public Health (Animals and Birds) (Chemical Residues) Regulation (Cap. 139N) 已禁止用於食用動物 根據《公眾衛生(動物及禽鳥)(化學物殘餘規例)(第139N章)</p>		<p>Refer to the Codex standard for Ractopamine (Refer to the table on the right) 可根據食品法典委員會的萊克多巴胺限量 (可參考右表)</p>
<p>Overdose symptoms: Nervousness, headache, tremor, dry mouth, chest pain 中毒症狀：精神緊張、頭痛、顫抖、口乾、胸痛或胸悶</p>		<p>Not direct carcinogen nor intrinsically genotoxic 並非直接致癌物，而且本身不具基因毒性</p>
<p>Food safety concern is higher (Longer half-life in blood and eliminate slower from the body) 健康風險較高 (在血漿中的半衰期較長和較慢排出體外)</p>		<p>Food safety concern is low (Shorter half-life in blood and eliminate faster from the body) 健康風險較低 (在血漿中的半衰期較短和較快排出體外)</p>

Codex has established MRLs for Ractopamine hydrochloride in various tissues of cattle and pig. CFS had adopted the Codex standards as action levels in Hong Kong. The table on the right shows the MRLs for Ractopamine in different cattle and pig tissues. 食品法典委員會為牛和豬的各種組織中的鹽酸萊克多巴胺建立了最大殘留限量。而食安中心已採用食品法典委員會的標準作行動指標。右表提供了牛和豬的各種組織中的最高殘餘限量。

MRL of Ractopamine 萊克多巴胺的最高殘餘限量

Cattle Tissue 牛的組織	MRL(μ g/kg) 最高殘餘限量 (微克/公斤)	Pig Tissue 豬的組織	MRL(μ g/kg) 最高殘餘限量 (微克/公斤)
Muscle 肌肉	10	Muscle 肌肉	10
Liver 肝	40	Liver 肝	40
Kidney 腎	90	Kidney 腎	90
Fat 脂肪	10	Fat (include fat plus skin) 脂肪(包括脂肪及皮)	10



With our sophisticated analytical instruments (LC/MS/MS), we could help to detect leanness-enhancing agent in meat. To ensure your products have not been contaminated with leanness-enhancing agents, please contact us for testing arrangements. ELL配備先進儀器(LC/MS/MS)，提供瘦肉精的測試，確保您的產品不含任何瘦肉精，請即聯絡我們進行測試。

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