



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name:	 Nobirel™ Nobiletin 30%		
Chemical Name:	Nobiletin	Country of Origin:	China
Latin Name:	<i>Citrus aurantium L.</i>	Molecular Formula:	C ₂₁ H ₂₂ O ₈
CAS Number:	478-01-3	Formula Weight:	402.39

Assay	Specification	Test Method
Assay (Nobiletin)	≥30%	HPLC

Physical Control		
Appearance	Off-white to dark brown powder	Visual
Odor & Taste	Characteristic	Organoleptic
Residue on Ignition	≤ 5.0%	USP<281>
Syneprine	Negative	HPLC
Loss on drying:	≤ 5.0%	USP<731>
Chemical Control		
Heavy Metals	≤10ppm	Atomic Absorption
Arsenic (As)	≤1.0ppm	Atomic Absorption
Cadmium (Cd)	≤1.0ppm	Atomic Absorption
Lead (Pb)	≤1.0ppm	Atomic Absorption
Mercury (Hg)	≤0.1ppm	Atomic Absorption
Solvents Residue	Meeting USP Standard	Gas Chromatography
Microbiological Control		
Total Plate Count	≤1000cfu/g	AOAC
Yeast & Mold	≤100cfu/g	AOAC
E. coli	Negative/10g	AOAC
Salmonella	Negative/25g	AOAC
Staph Aureus	Negative/10g	AOAC

Packing and Storage	
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum
Storage	Store in a well-closed container away from moisture.
Shelf Life	2 years when properly stored.