

CERTIFICATE OF ANALYSIS

Product Name	Hidrosmin	Code	BPBE-609-A
Botanical Source	Citrus Aurantium L.	Used Part	Immature fruit
Batch No.	H010760919A	Mfg. Date	Jul. 02, 2019
Packing	25kg/Drum	Retest Date	Jul. 01, 2021
Quantity	300kg	Report Date	Jul. 07, 2019
Specification	85%(HPLC)		

ITEM	SPECIFICATION	RESULT
Appearance	Yellow crystalline powder, odorless	Complies
Solubility	Soluble in water	Complies
Identification	IR: Conforms to the reference standard	Complies
	HPLC: The chromatogram obtained with the test solution is similar with that of the reference solution.	Complies
Melting Point	162~172°C	166~170°C
Loss on Drying	≤4.0%	3.7%
Residue on Ignition	≤0.6%	0.21%
Heavy Metals	≤20ppm	Complies
Assay(HPLC):		
Hidrosmin	>85%	90.3%
3',5-di-O-(hydroxyethyl) diosmin	30%-45%	36.6%
3-mono-O-(hydroxyethyl) diosmin	50%-65%	53.7%
Residual Solvent:		
Methanol	≤3000ppm	14ppm
Ethanol	≤5000ppm	Undetected
Pyridine	≤200ppm	Undetected
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-E.Coli	Negative/g	Negative
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: