



四川青益纯医药科技有限公司
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CERTIFICATE OF ANALYSIS

Product Name	Hidrosmin	Code	BPBE-609-A
Botanical Source	Citrus Aurantium L.	Used Part	Immature fruit
Batch No.	H010360917A	Mfg. Date	Mar. 08, 2017
Packing	25kg/Drum	Retest Date	Mar. 07, 2019
Quantity	500kg	Report Date	Mar. 14, 2017
Specification	85%(HPLC)		

ITEM	SPECIFICATION	RESULT
Assay(HPLC):		
Hidrosmin	>85%	87.5%
3',5-di-O-(hydroxyethyl) diosmin	30%-45%	34.2%
3-mono-O-(hydroxyethyl) diosmin	50%-65%	53.3%
Appearance	Yellow or yellow-brown powder, Odorless, hygroscopic	Complies
Solubility	Freely soluble in water	Complies
PH	6~7	6.6
Melting Point	162~172°C	164°C
Loss on Drying	≤4.0%	3.20%
Residue on Ignition	≤0.6%	0.31%
Heavy Metals	≤10ppm	Complies
Residual Solvents		
Methanol	≤3000ppm	Complies
Total Plate Count		
-Yeast and Mold	≤100cfu/g	Complies
-E.Coli	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmosella	Negative	Negative
-Saureus	Negative	Negative
-SP Aerugions	Negative	Negative
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat. Store in dry cool place.	

Analyst:

QC Manager:

QA:

Benepure—Natural Ingredients Specialist.

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