

SPECIFICATION SHEET

Arecoline Hydrobromide 98% HPLC

GENERAL INFORMATION

Botanical Species	Areca catechu L.	Part Used	Seed
Country of Origin	China	Carrier Used	None
Solvent Used	Water & Ethanol	Kosher Halal	No No

ITEM	SPECIFICATION		METHOD
PHYSICAL & CHEMICAL			
Identification	Corresponds to Reference Standard		HPLC USP<621>
Appearance	White to light yellow crystalline powder		Organoleptic
Arecoline Hydrobromide	NLT (%)	98.0	HPLC USP<621>
Residue on Ignition	NMT (%)	0.5	USP<281>
Particle Size	NLT	95% through 80 mesh	USP<786>
Loss on Drying	NMT (%)	1.0	USP<731>
Bulk Density	Between (g/100ml)	25–60	USP<616> Method I
CONTAMINANTS			
Lead (Pb)	NMT (ppm)	2.0	ICP-MS USP<730>
Arsenic (As)	NMT (ppm)	2.0	ICP-MS USP<730>
Cadmium (Cd)	NMT (ppm)	1.0	ICP-MS USP<730>
Mercury (Hg)	NMT (ppm)	1.0	ICP-MS USP<730>
Solvent Residue	Meets Requirements		GC USP<467>
Pesticide Residue	Meets Requirements		USP<561> Modified
MICROBIOLOGICAL			
Total Plate Count	NMT (cfu/g)	10,000	USP<61>
Yeast & Mold	NMT (cfu/g)	1,000	USP<61>
E. Coli	Absent (cfu/10g)		USP<62>
Salmonella	Absent (cfu/10g)		USP<62>
Staphylococcus aureus	Absent (cfu/10g)		USP<62>

PACKING & STORAGE

Packed in a polyethylene lined corrugated package.

Store in a well-closed container away from moisture, light, and heat.

SHELF LIFE

24 months if under the conditions above and in its original packaging.

Protect from light and moisture. Aqueous solutions are unstable and should be prepared fresh.

NOTE

This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.