

Nicotine Salts

SPECIFICATION



	Benzoate Salt	Salicylate Salt	Malate Salt	Tartrate Salt	Lactate Salt	Levulinate Salt	Pyruvate Salt
CAS number	88660-53-1	29790-52-1	73057-36-0	6019-06-3	15197-02-1	-	-
Content of freebase nicotine	~57 %	~54 %	~55 %	~33 %	~64 %	~59 %	~48 %
Miscibility with PG/VG	Up to 200 mg/ml solutions	Up to 150 mg/ml solutions	Up to 200 mg/ml solutions	Up to 100 mg/ml solutions	Up to 300 mg/ml solutions	Up to 300 mg/ml solutions	Up to 200 mg/ml solutions
pH value (for 10% solution in water)	~6	~6	~4	~3	~7	~6,5	~3
Consistency	Crystals	Crystals	Crystals	Crystals	Liquid	Liquid	Liquid
Colour	White	Chalky white	Chalky white	Crystalline white	Colourless	Colourless to pale yellow	Colourless to pale yellow
Throat hit or smooth	Throat hit	Throat hit	Throat hit	Throat hit	Smooth	Smooth	Smooth
Aftertaste	Most neutral	Neutral	Delicately citrus / acidic	Noticeable	Neutral	Creamy	Neutral
Popularity in e-liquids	Most popular	Very popular	Growing popularity	Growing popularity	Growing popularity	Great potential	Great potential
Key features	Number 1 salt on the vape market; light and popular	Increasing popularity; the lightest salt	The most organic of the salts; light and organic	Most similar to cigarettes; light and intense	Similar to nicotine salicylate without a strong throat hit	Fast and long-lasting absorption, pleasant taste	Rapid and long-lasting absorption, pleasant taste
Shelf life	1 year						
Storage conditions	Store in cold place -25°C to 5°C, keep away from light and air/oxygen. Packed under nitrogen/argon atmosphere				0°C - 10°C Packed under nitrogen/ argon atmosphere		
Resistance to external conditions (storage, transport)	Moderate	High	High	High	Moderate	Moderate	Moderate