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# FREE BASE VS NICOTINE SALTS



# Nicotine Salts

## What are Nicotine Salts?

**Nicotine salts have a much higher nicotine content than freebase nicotine and are more easily absorbed into the bloodstream, providing a much smoother hit and faster acting. With nicotine salts, users can get a stronger nicotine hit without the harsh taste that some users find in freebase nicotine.**

**Nicotine salts are a form of liquid nicotine used in vaping devices. Unlike traditional liquid nicotine, nicotine salts are composed of benzoic acid.**

**These acids help soften the throat hit and improve nicotine absorption. Additionally, nicotine salts have a lower pH than traditional liquid nicotine, meaning they can be vaporized at lower temperatures.**

### Advantages:

- Provides a stronger and faster nicotine hit than freebase nicotine.
- It may be more satisfactory for smokers looking for an alternative to cigarettes.
- Reduces throat irritation you may experience when smoking freebase nicotine vaping liquids.
- The devices used are usually smaller, lower power and cheaper.

### Disadvantages:

- They are not available in a wide variety of vaping liquids like freebase nicotine.
- The stronger nicotine sensation may be too intense for some users.



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# Free Base

## What is freebase nicotine?

**Freebase nicotine is the most common type of nicotine found in vaping liquids.**

**It is a colorless liquid that is mixed with other ingredients in vaping liquids to create the sensation of nicotine.**

**Freebase nicotine is slowly absorbed into the body and provides a smooth and consistent nicotine sensation at low levels, but scratchy at high levels. If you already have vaping equipment, it is highly recommended that you find out what type of liquid it was designed for.**

**Although there are already devices that can use any of the types of liquids, just by adjusting their settings.**

**Not all can or should be used with any of the types of nicotine. Always ask the managers of specialized vaping stores about the type of nicotine you should use in your vaping equipment.**

### **Advantages:**

- Provides a smooth and constant nicotine sensation.
- It is easy to find in a wide variety of vaping liquids.
- Very low nicotine levels compared to cigarettes.

### **Disadvantages:**

- It does not provide a nicotine sensation as powerful and fast as nicotine salts.
- May be less satisfactory for smokers looking for an alternative to cigarettes.
- Can give very scratchy sensations at medium to high levels of nicotine.
- The devices to use it are usually more expensive due to the powers they reach.



**We know that nicotine salts are made by combining pure nicotine with different acids. Currently there are several acids available on the market. Depending on the one used, they have different characteristics. Below we specify some**

#### **NicSalt-B (nicotine salt benzoate) NICOTINE BENZOATE**

- A blend of pure nicotine and benzoic acid
- Produces a stronger throat hit
- The most neutral aftertaste
- The first salt on the e-liquid market
- Benzoic acid is widely used in the food industry
- Resistance to external conditions (storage, transportation). : Moderate
- Characteristic color: White (Nicotine can change color to a yellowish tone, this tone is attributed to its oxidation)

#### **Nic SaltS (nicotine salt salicylate) NICOTINE SALICYLATE**

- A blend of pure nicotine and salicylic acid
- Produces a noticeably stronger hit
- More neutral aftertaste
- Salicylic acid is commonly found in fruits, vegetables; Commonly used in medicine and pharmaceutical industry
- Characteristic color: Chalky white
- Resistance to external conditions (storage, transportation): High

#### **NicSalt-M (nicotine salt malate) NICOTINE MALATE**

- A mixture of pure nicotine and malic acid
- Produces a more delicate throat hit
- Delicate citrus/acid aftertaste
- Delicate blow to the throat
- Malic acid is used in natural cosmetics and the food industry.



## NicSalt-T (nicotine salt tartrate) NICOTINE TARTRATE

- A mixture of pure nicotine + and tartaric acid
- Characteristic color: Crystal white
- “Cigarette-like” nicotine consumption
- Provides the greatest nicotine absorption
- Delicate citrus/acid aftertaste
- Nicotine tartrate salt is used in smoking cessation products
- strong throat hit
- Notable aftertaste

## NicSalt-LAC (nicotine salt lactate) NICOTINE LACTATE

- A mixture of Pure Nicotine + and lactic acid
- Provides medium nicotine absorption
- Delicate blow to the throat
- Neutral aftertaste
- Widely used in the food industry

## NicSalt-Lev (nicotine salt levulinate) NICOTINE LEVULINATE

- A mixture of pure nicotine + levulinic acid
- Provides high nicotine absorption
- Delicate blow to the throat
- Neutral aftertaste
- Widely used in the food and pharmaceutical industry
- Characteristic color: Colorless to pale yellow

## NicSalt-P (nicotine salt pyruvate) NICOTINE PYRUVATE

- A mixture of pure Nicotine + and levulinic acid
- Provides high nicotine absorption
- Neutral Aftertaste
- Pleasant flavor and delicate hit in the throat
- Characteristic color: Colorless to pale yellow



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Free Base



Salts



Salts

Free Base

Both

