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## TECHNICAL DATA SHEET

### **Benzocaine**

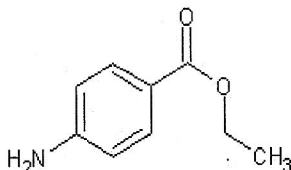
#### **1、 Introduction**

Benzocaine is a white, crystalline powder or colorless crystals.

#### **2、 Appearance**

A white, crystalline powder or colorless crystals.

#### **Molecular Structure:**



#### **3、 Physical Properties**

Molecular weight: 165.19 g/mole

Melting point: 88-92°C

#### **4、 Applications**

Local anesthesia, Organic intermediates.

#### **5、 Solubility property**

Very slight soluble in water, freely soluble in ethanol(96 percent)

#### **6、 Packing & Storage**

Packing: 25kg fiber drum lined with plastic bag.

Storage: Preserve in well-closed containers, store protected from light.

#### **7、 Identification**

IR Should comply with the reference standard spectrum.

UV should comply with the reference standard spectrum.

An orange-red precipitate is performed.

#### **8、 Loss on drying.**

Not more than 0.5%

#### **9、 Residue on ignition**

Not more than 0.1%.

#### **10、 Heavy metals**

Not more than 0.001%

#### **11、 Ordinary impurities**

Not more than 1%

#### **11、 Assay(HPLC)**

Between 98.0% to 102.0%

