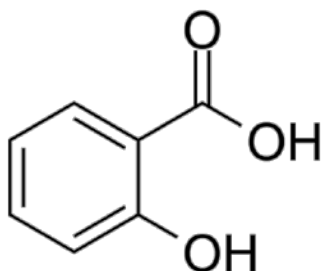


# Technical Data Sheet

## Acsol Salix

Salicylic Acid  
CAS# 69-72-7



Mol. wt. 138.121  
Formula C<sub>7</sub>H<sub>6</sub>O<sub>3</sub>

### Description

Acsol Salix, also commonly known as BHA, is a powder which is widely used in the cosmetics. Due to its antiseptic and exfoliating properties, it can show good performance for anti-acne and anti-dandruff.

### Specifications

Item	Specification
Appearance	A white or almost white crystalline powder or white or colorless acicular crystals, slightly soluble in water, freely soluble in ethanol(96%), sparingly soluble in methylene chloride
Assay (% , on dried basis)	99.0 ~ 100.5
Melting point (°C)	158 ~ 161
Identification	The IR spectrum of sample complies with Salicylic acid CRS
Appearance of solution	Solution is clear and colorless
Loss on drying (%)	≤ 0.5
Residue on ignition (%)	≤ 0.05
4-hydroxybenzoic acid (%)	≤ 0.1
4-hydroxyisophthalic acid (%)	≤ 0.05
Phenol (%)	≤ 0.02
Any other impurities (%)	≤ 0.05
Total impurities (%)	≤ 0.2
Chlorides (ppm)	≤ 100
Sulfates (ppm)	≤ 200
Heavy metals (ppm)	≤ 20

## Applications

It can be applied to various kinds of skin care products, facial & body cleansing products and hair care products especially for anti-acne and anti-dandruff functions.

## Dosage

As a preservative: 0.5%

Rinse-off products: 2%

Rinse-off hair care products: 3%

## Storage

Store with tightly closed containers in cool, dry and well-ventilated area. Avoid direct sunlight.

## Shelf Life

3 years