

# Salicylic Acid

INCI Name: Salicylic Acid

CAS Numbers: 69-72-7

## Description:

The active extract of the bark, called *salicin*, after the Latin name for the white willow. It is derived from the metabolism of salicin. In addition to being an important active metabolite of aspirin (*acetylsalicylic acid*), which acts in part as a prodrug to salicylic acid, it is probably best known for its use in anti-acne treatments. salicylic acid is used as a food preservative and as bactericidal and antiseptic.



## Technical Data:

Characteristic	Method	Unit	Lower Lmt	Upper Lmt
Chlorides	NA-0038	% w/w	-	0.0100
Melting Range ( FP )	NA-0033	°C	158.0	161.0
Melting Range ( IP )	NA-0033	°C	158.0	161.0
Identification	NA-0004	-		Pass
Heavy Metals (as Pb)	NA-0040	µg/g	-	20
Loss on Drying (KF)	NA-1733	% w/w	-	0.500
Residue on Ignition	NA-0029	% w/w	-	0.0500
Sulphates	NA-0041	% w/w	-	0.020
Assay	NA-0034	% w/w	99.50	101.00
Related Compounds	NA-0800	% w/w	-	0.2000
Phenol	NA-0800	% w/w	-	0.0100
Other Impurities (sum)	NA-0800	% w/w	-	0.0500
4-Hydroxybenzoic Acid	NA-0800	% w/w	-	0.1000
4-Hydroxyisophthalic Acid	NA-0800	% w/w	-	0.0500
Sum of all Related Com+Other Impurities	NA-0800	% w/w	-	0.2000

## Applications:

Used in a great number of cosmetic applications for acne and oily skin as a chemical exfoliant. It works as a keratolytic, bacteriocide and comedolytic agent. It is in many skin care products and dandruff shampoos.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

info@mckinleyresources.com • www.mckinleyresources.com