

SPECIFICATION



Sodium Benzoate

Chemical / INCI Name:	SODIUM BENZOATE		
CAS No.:	532-32-1	EC No.:	208-534-8
Appearance:	A WHITE, ALMOST ODOURLESS, CRYSTALLINE POWDER OR PRILL		

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CHARACTERS

SPECIFICATION

A WHITE, ALMOST ODOURLESS,

CRYSTALLINE POWDER OR PRILL

FREELY SOLUBLE IN WATER, SPARINGLY SOLUBLE IN ETHANOL

IDENTIFICATION:

POSITIVE

BENZOATES

POSITIVE

SODIUM

APPEARANCE OF SOLUTION:

CLEAR

CLARITY

Y6

COLOUR

0.2ml MAX

ACIDITY OR ALKALINITY

(ml of 0.1N NaOH or HCl):

HALOGENATED COMPOUNDS:

200 ppm MAX

IONISED CHLORINE

300 ppm MAX

TOTAL CHLORINE

CHLORINATED ORGANIC COMPOUNDS (IN TERMS OF CHLORIDE)

0.06% MAX

HEAVY METALS (IN TERMS OF LEAD):

10 ppm MAX

ARSENIC:

3 ppm MAX

LEAD:

2 ppm MAX

MERCURY:

1 ppm MAX

READILY OXIDISABLE SUBSTANCES

POSITIVE

POLYCYCLIC ACIDS

POSITIVE

LOSS ON DRYING % (m/m):

1.5% MAX

ASSAY % (m/m):

99.0%-100.5%

ANALYZING METHOD

E211, BP2022, EP11, USP2022, NF2022, FCC13

ACCORDING TO

PARTICLE SIZE:

POWDER: 80% PASSED 40-80MESH

PRILL: 90% PASSED 10-30MESH LITTLE BALL