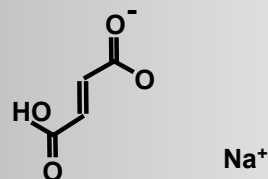


# Monosodiumfumarate (MNF)

Formula:



Structural formula:



Mol. weight: 138.06

## SYNONYMS:

CAS: Fumaric acid-mono-sodium salt  
 CAS RN: [5873-57-4]  
 German: Mononatriumfumarat

## HANDLING:

Packing: paper bags of 25 kg net  
 TSCA: not listed

## SPECIFICATION RL-N 2050/01:

Description: fine, white, odourless powder  
 Identity: IR-spectrum, colouration of the flame  
 Appearance of solution:  
 (1 g in 19 ml H<sub>2</sub>O) clear  
 colourless  
 pH-value of solution:  
 (1g in 19 ml H<sub>2</sub>O) 3.2 – 3.7  
 Water (K.F.): max. 0.4%  
 Heavy metals as Pb: max. 10 ppm  
 Maleic acid: max. 0.02%  
 Assay (acidimetric): 99.0 – 101.0% calculated on the  
 anhydrous sample

## APPLICATIONS:

- Intermediate in organic synthesis (Pharma – Guronsan®)