

Certificate of Analysis

product name: Sodium benzoate
 product number: 106290
 CAS Number: 532-32-1
 batch: 1154642 2011
 Formula: C_6H_5COONa

batch values

	batch values	
Assay (acidimetric, calc. on anhydrous substance)	99.0 - 100.5	%
Assay (HPLC, calc. on anhydrous substance)	99.0 - 101.0	%
Identity	passes test	
Appearance of solution (100 g/l, water)	passes test	
Acidity or alkalinity	passes test	
Chloride (Cl)	≤ 0.02	%
Sulphate (SO ₄)	≤ 0.01	%
Total chlorine	≤ 0.03	%
Heavy metals (as Pb)	≤ 10	ppm
As (Arsenic)	≤ 1	ppm
Cd (Cadmium)	≤ 10	ppm
Cu (Copper)	≤ 10	ppm
Hg (Mercury)	≤ 1	ppm
Pb (Lead)	≤ 2	ppm
Zn (Zinc)	≤ 10	ppm
Benzene	≤ 2	ppm
Toluene	≤ 890	ppm
Other residual solvents (ICH Q3C)	excluded by production process	
Multinuclear acids	passes test	
Oxidizable matter	passes test	
Water (according to Karl Fischer)	≤ 1.5	%

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