

Product Specification

Sodium Gluconate Granular Food Grade

USP / FCC / EU

Product name	Sodium Gluconate	$C_6H_{11}NaO_7$
EC No.	208-407-7	
CAS No.	527-07-1	
E-No.	E 576	
Characteristics	White to tan, granular to fine crystalline powder; very soluble in water, sparingly soluble in alcohol, insoluble in ether, manufactured by fermentation	

Identification	conforms
Assay	99.0 – 101.0 %
pH value (10% solution, 20°C)	6.5 – 7.5
Reducing substances	≤ 0.5 %
Chloride	≤ 50 mg/kg
Sulphate	≤ 100 mg/kg
Lead	< 1 mg/kg
Arsenic	< 2 mg/kg
Heavy metals	< 10 mg/kg
Total Plate Count	max. 200 cfu / 1 g
Yeasts	max. 10 cfu / 1 g
Moulds	max. 10 cfu / 1 g
Granulation	
> 1.18 mm	max. 10 %
< 0.15 mm	max. 35 %

We herewith confirm that this product meets the requirements of the latest edition of the United States Pharmacopeia (USP), Food Chemicals Codex (FCC) and of Commission Regulation (EU) No 231/2012. All analytical methods are in accordance with the latest requirements of the USP, the FCC or are equivalent. Test methods are available on request.