
SODIUM GLUCONATE CRYSTALLINE G

DEFINITION:

Sodium gluconate

CAS no. : 527-07-1

EINECS : 208-407-7

SPECIFICATIONS :

APPEARANCE	MCL 086G	Crystalline, yellowish powder
LOSS ON DRYING	MCL 002A	1% max.
pH IN 10% SOLUTION	MCL 020F	6.5 - 7.5
REDUCING SUGARS	MCL 050A	0.5% max.
GLUCONATE CONTENT	MCL 291A	98% min.
GARDNER COLOUR AT 40 %	MCL 088N	3 max.
ARSENIC	MCL 070G	3 ppm max.
HEAVY METALS	MCL 290B	10 ppm max.
PARTICLE SIZE	MCL 110B	
- RESIDUE ON 250 MIC.		30 % min
- RESIDUE ON 200 MIC.		45 % min.
- RESIDUE ON 160 MIC.		60 % min.

TYPICAL VALUES :

SPECIFIC ROTATION	MCL 055D	+ 12 degrees approx.
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COMMENTS :**SOLUBILITY :**

- freely soluble in water
- sparingly soluble in ethanol
- insoluble in ether

MCL, MMC: ROQUETTE Methods

QUALITY ASSURANCE / INDUSTRY