



SUGAR AND SALT

Parameters	Technique
Chemistry Sugar	
Quality parameters	
Moisture content	Gravimetric
Polarization	Polarimetry
Conductivity ash	Potentiometry
Water insoluble matter	Gravimetric
Color	Spectrophotometry
Suphur dioxide	Spectrophotometry
Turbidity	Spectrophotometry
Invert sugar content	Titrimetry
Contaminants	
Copper	MP-AES
Lead	GF-AAS
Arsenic	GF-AAS
Microbiology Sugar	
Total Plate Count (TPC)CFU/10g	Membrane filtration
Escherichia coli CFU/g	Membrane filtration
Yeast and moulds CFU/10g	Membrane filtration
Salmonella per 25/g	Membrane/Enrichment/Streak plate
Thermophilic Acidophilic Bacteria (TAB)	Membrane filtration
Alicyclobacillus spp	Membrane filtration
Guaiaical producing TAB	Membrane filtration
Chemistry Salt	
Quality parameters	
Moisture content	Gravimetric
Chloride as NaCl	Titrimetry
Total alkalinity	Titrimetry
Water insoluble matter	Gravimetric
Acid insoluble matter	Gravimetric
pH range	Potentiometric
Iodine value	Titrimetry
Calcium	MP-AES
Magnesium	MP-AES
Copper	MP-AES
Contaminants	
Cadmium	GF-AAS
Lead	GF-AAS
Arsenic	GF-AAS
Extraction fee	MARS