



## SODIUM CHLORIDE PPHARMACEUTICAL GRADE

FP-19-06

Rev # 1

### SPECIFICATION OF SODIUM CHLORIDE PHARMACEUTICAL USE

COMPONENTS	Specification BP:2020	Result
Description	White or almost white crystalline powder	Conform
Solubility	Freely soluble in water practically insoluble in anhydrous ethanol	Conform
Identification	As B.P 2020 Result	Conform
Appearance of Solution	Clarity - Colorless	Conform
Acidity & Alkalinity	NMT 0.5ml 0.01M (NaOH) or NMT 0.5ml 0.01M (HCl)	Conform
Bromide	NMT. 100 ppm	40
Ferrocyanide	No blue colour.	Conform
Iodides	No blue colour.	Conform
Nitrites	Not greater than 0.01	Conform
Phosphate	NMT. 25 ppm	< 25
Sulphate	NMT. 200 ppm	90
Aluminium	NMT. 0.2 ppm	< 0.2
Arsenic	NMT. 1 ppm	< 1
Barium	As B.P 2020	Conform
Iron	NMT. 2 ppm	< 2
Magnesium & Alkaline earth metals	NMT ( 100 ppm calculated as Ca)	35
Potassium as K	NMT. 500 ppm	25
Loss on drying (at packing)	NMT. 0.5 %	0.1
Bacterial Endotoxins	< 5 EU /g	< 5
Assay as NaCl	99.0-100.5%	99.9%

Notes: NMT = Not more than ppm= $\mu\text{g/g}=\text{mg/kg} = (\% \times 10,000)$ **GRADE DESCRIPTION (B.P2020):****The batch conform to the requirement prescribed in B.P 2020**

Is an extremely high purity certified vacuum salt particularly suitable for the use in the manufacture of injectable dosage forms, peritoneal dialysis solutions, hemodialysis solutions and hemofiltration solutions.

**Packing In P.E Sacks 25 Kg****Packing In Clean Area**

Analyst :

Mohamed Ajamy

Ch./ Mohamed Ajamy

Q.C. Manager

Head Office: Shakshook-Fayoum-Egypt  
 Tel:(002)084/2830282/2830282/2830768/2830769  
 Fax:(002) 084/2830716/2830171  
 Cairo Office: 10 Mesaha Square/ Dokki- Giza-Egypt  
 Tel: (202) 37493936 / 33387663 / 33387665  
 Fax: (202) 37610081 / 37615260  
 E-mail: [sales@emisalsalts.com](mailto:sales@emisalsalts.com)  
 Home Page: <http://www.emisalsalts.com>

المركز الرئيسي : شكشوك - مركز أبشواى - الفيوم  
 تليفون: (002) 084 / 2830769 / 2830768 / 2830282  
 فاكس : (002) 084 / 2830717 / 2830716  
 مكتب القاهرة : 10 ميدان المساحة - الدقى - الجيزة  
 تليفون : (202) 33387665 / 33387663 / 3 7493936  
 فاكس: (202) 37615260 / 37610081