

Specification for sodium chloride Ph.Eur. / USP Code No. 7732

Characteristics	Dried, fine-grained sodium chloride with a white appearance and salty taste. The salt meets the requirements of the European and American pharmacopoeias (Ph.Eur. and USP). It is suitable for the production of parenteral, hemodialysis, hemofiltration and peritoneal dialysis solutions. The product contains no anticaking agent and has a strong tendency to form lumps immediately after manufacture.		
Use	For pharmaceutical and scientific purposes.		
Analysis	1. Appearance of solution	--	clear and colourless
	2. Acidity or alkalinity	max. 0.50	ml 0.01 N HCl
		max. 0.50	ml 0.01 N NaOH
	3. Bromides	≤	100 ppm
	4. Ferrocyanides	--	negative ---
	5. Iodides	--	negative ---
	6. Nitrites	--	negative ---
	7. Phosphates	≤	25 ppm
	8. Sulfates	≤	200 ppm
	9. Arsenic	≤	1 ppm
	10. Barium	--	negative ---
	11. Iron	≤	2 ppm
	12. Magnesium + Alkaline-earth metals	≤	100 ppm (calculated as Ca)
	13. Elemental impurities		
	Nickel	≤	0.25 ppm
	Copper	≤	0.25 ppm
	14. Loss on drying	≤	0.5 % (bei 105 °C)
	15. Potassium	≤	500 ppm
	16. Aluminium	≤	0.2 ppm
	17. Bacterial Endotoxins	max. 5	EU/g
	18. Assay	min. 99.0	%
	calculated on the dried substances	max. 100.5	%
Certificates	The batch-specific analysis certificates are always added to the deliveries. The manufacturing number (batch) is printed on the bags (label).		
Storage conditions	Store in a closed room in the dry state.		
	Storage temperature	> 5	°C
	Relative atmospheric humidity	< 70	%
Suitability for storage	Assuming correct storage, the product can be kept indefinitely. The salt contains no anticaking agent and hardens during storage.		
Packaging Delivery unit	15 kg polyethylene bags. Supplied on 600 kg euro-pallets wrapped in PE foil.		
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