

1310.1211

**CERTIFICATE OF ANALYSIS**

Laboratory Salinen Austria AG

**"PHARMASAL" - Chemically Pure Salt**  
**Sodium Chloride for pharmaceutical use, Natrii chloridum**  
 according to European Pharmacopoeia, BP, USP, JP

**Lot number\*** CRS021013  
**Retest date** 02.10.2016  
**Production date** 02.10.2013 -03.10.2013  
**\*Article:** 91310

		Specification	Unit	Result	Unit
Identification	Na+	positive		conforms	-
Identification	Cl-	positive		conforms	-
Assay	NaCl	99,5 - 100,5	%	99,97	%
Bromides	Br-	<= 100	ppm	<= 100	ppm
Iodides	I-	<= 10	ppm	<= 10	ppm
Sulphates	SO42-	<= 200	ppm	<= 200	ppm
Phosphates	PO43-	<= 25	ppm	<= 25	ppm
Nitrites	NO2-	<= 0,01	A	<= 0,01	A
Heavy metals	as Pb	<= 3	ppm	<= 3	ppm
Iron	Fe	<= 2	ppm	<= 2	ppm
Aluminium	Al	<= 0,2	ppm	<= 0,2	ppm
Arsenic	As	<= 1	ppm	<= 1	ppm
Potassium	K	<= 500	ppm	<= 500	ppm
Barium	Ba	<= 10	ppm	<= 10	ppm
Magnesium and alkaline-earth metals	calc. as Ca	<=100	ppm	<=100	ppm
Ferrocyanides	[Fe(CN)6]4-	conforms		conforms	-
Insoluble matters		<= 50	ppm	<= 50	ppm
Loss on drying		<= 0,5	%	<= 0,5	%
Appearance of solution		clear, colourless		conforms	-
Acidity or Alkalinity according to the regulations		conforms		conforms	-
Residual Solvents (according ICH-guideline)		Impossible due to production process		conforms	-

This lot conforms with the current Ph. Eur, USP, BP and JP monographs. In compliance with the guidelines on good manufacturing practice for active pharmaceutical ingredients (ICH Q7).  
 Store in a clean and dry place, nmt. 70% rel. Humidity.

Dipl.-Ing. Birgit Spreitz

Date: 2013-10-03

**Salinen Austria AG**  
 Qualitätskontrolle  
 Steinkogelstraße 30  
 A-4802 Ebensee  
 Tel 06132 / 200-0  
 Fax 06132 / 200-4100