

Potassium Chloride 99 % KCl

technical industrial

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2023-08-17
Werk Zielitz
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Manufacturer:	K+S Minerals and Agriculture GmbH	K+S Batch No.:	7123000295
K+S Order No.:	4000800346	Manufact. Date:	2023-08-03
Delivery /-Item No.:	7200923281 / 000010	Recommended	
Quantity:	24 TO	use until:	2028-08-02
Loading date:	2023-08-04	K+S Specification:	77915 370-1 (S01)
Cust. Order No.:	DM20230703		

General information:

Nature of Product: white crystals, occasionally slightly reddish

Parameter	Method of Analysis	Result	Specification
Potassium Chloride	ICP - AES	99.1 %	>= 99.0 %
Loss on Ignition *)	450°C	0.2 %	<= 0.4 %
Loss on Drying	2h, 105°C	0.1 %	<= 0.2 %
Sodium	ICP - AES	0.2 %	0.2 .. 0.3 %
Bromide	ICP - AES	845 mg/kg	450 .. 1200 mg/kg
Magnesium	ICP - AES	37 mg/kg	20 .. 120 mg/kg
Calcium	ICP - AES	9 mg/kg	2 .. 20 mg/kg
Sulphate	ICP - AES	74 mg/kg	40 .. 100 mg/kg
Water-insoluble matters *)	gravimetry	60 mg/kg	30 .. 100 mg/kg
Heavy Metals as Lead *)	Ph. Eur.	<5 mg/kg	<= 5 mg/kg
Hexacyanoferrate dosage		corresponds	typ. 145 mg/kg

*) not tested on each batch

Electronically released by Sophia Thiele on 2023-08-04