

Potassium Chloride 99.9 % KCl

Ph. Eur., USP

Macco Organiques, s.r.o.
Zahradni 1938 46c
CZ-792 01 Bruntál

2023-07-13
Werk Werra, Standort WI
Nicole Kolz
Quality Control
06620/792050
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Manufacturer:	K+S Minerals and Agriculture GmbH	K+S Batch No.:	3423000478
K+S Order No.:	7100380143	Manufact. Date:	2023-06-29
Delivery /-Item No.:	7200903875 / 000010	Retest date:	2026-06-28
Quantity:	24 TO		
Loading date:	2023-07-13	K+S Specification:	77761 2-39 (K29)
Cust. Order No.:	20/2023/230163		

General information:

Manufacturer's address: Bertha-von-Suttner-Str. 7, 34131 Kassel, Germany

Manufacturing site's address: In der Aue 1, 36266 Heringen, Germany

Appearance: White or almost white, crystalline powder or colourless crystals.

Residual solvents: Meets ICH guideline CHMP/ICH/82260/2006 and test < 467 > of the United States Pharmacopoeia.

Solubility: Freely soluble in water, practically insoluble in anhydrous ethanol.

Parameter	Method of Analysis	Result	Specification
Appearance of Solution	Ph. Eur.	corresponds	o.K.
Acidity/Alkalinity	volumetry	corresponds	o.K.
Bromide *)	ICP-AES (Br and I in KCl)	corresponds	<= 1000 mg/kg
Sulphate	ICP-AES (KCl)	8 mg/kg	<= 300 mg/kg
Aluminum	ICP-AES (KCl)	<0.1 mg/kg	<= 1 mg/kg
Iron	ICP-AES (KCl)	<1 mg/kg	<= 20 mg/kg
Alkaline-Earth Metals as Ca	ICP-AES (KCl)	8 mg/kg	<= 200 mg/kg
Sodium	ICP-AES (KCl)	42 mg/kg	<= 1000 mg/kg
Loss on drying (3h, 105°C *)	gravimetry	0.01 %	<= 1.0 %
Identity Reaction	ICP-AES (KCl)	corresponds	o.K.
Iodide acc. Ph.Eur. *)	ICP-AES (Br and I in KCl)	corresponds	o.K.
Iodide acc. USP *)	ICP-AES (Br and I in KCl)	<2 mg/kg	<= 50 mg/kg
Lead	ICP-AES (KCl)	<0.5 mg/kg	<= 0.5 mg/kg
Thallium	ICP-AES (KCl)	<0.5 mg/kg	<= 0.8 mg/kg
Assay (Dried Basis)	calculated	100.0 %	99.0 .. 100.5 %

*) not tested on each batch

Electronically released by Nicole Kolz on 2023-07-03