

Certificate of Analysis

product name: Potassium chloride
 product number: 104936
 CAS Number: 7447-40-7
 batch: S1954642-3023
 Formula: KCl

batch values

Assay (argentometric; calculated on dried substance)	99.0 - 100.5	%
Identity	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
Bromide (Br)	≤ 0.1	%
Iodide (I)	passes test	
Sulfate (SO ₄)	≤ 0.01	%
Heavy metals (as Pb)	≤ 0.0005	%
Al (Aluminium)	≤ 0.00010	%
As (Arsenic)	≤ 0.0001	%
Ba (Barium)	passes test	
Cd (Cadmium)	≤ 0.0001	%
Cu (Copper)	≤ 0.0002	%
Fe (Iron)	≤ 0.001	%
Hg (Mercury)	≤ 0.0001	%
Na (Sodium)	≤ 0.05	%
Na (sodium)	passes test	
Pb (Lead)	≤ 0.0002	%
Zn (Zinc)	≤ 0.0025	%
Magnesium and alkaline-earth metals (as Ca)	≤ 0.0200	%
Residual solvents (ICH Q3C)	excluded by production process	
Loss on drying (130 °C, 3 h)	≤ 1.0	%

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