



POTASSIUM CARBONATE SOLUTION 50% E501i

PHYSICO-CHEMICAL CHARACTERISTICS

Formula	: K_2CO_3
Molecular weight	: 138.21
Density (20°C)	: 1.54 kg/dm ³
pH (20°C, as it is)	: 13 approx.
Crystallisation temperature	: 0 °C approx.

QUALITATIVE CHARACTERISTICS

Appearance		clear and colourless liquid
Assay	% K_2CO_3	50 ± 1
Total alkalinity	% KOH	< 0.15
Sodium	% Na	< 0.2
Insoluble in water	mg/kg	< 20
Sulphates	mg/kg as SO_4	< 20
Chlorides	mg/kg as Cl	< 20
Iron	mg/kg as Fe	< 2
Arsenic	mg/kg as As	< 1
Lead	mg/kg as Pb	< 1
Mercury	mg/kg as Hg	< 0.5

The product, with reference to the dry substance, complies specifications of: Regulation EU 231/2012 (food additives).

The indicated values are intended as determined according to our standard analysis methods.

STANDARD PACKAGING

Rail and road tankers, according to transport regulations

MAIN USES

In food industry as additive (E501i) in solution.

In the cocoa industry, for the potashing of cocoa beans in the production of soluble cocoa.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS **KCS 1 (0425) E**