

Sales Product Specification

Product Name	Sodium Carbonate Light Solvay
CAS Number	497-19-8
Specification Reference	99SAS0002U
Issue Number	1
Date of Issue	31/12/2022

Parameter	Value	Unit
Chemical formula	Na_2CO_3	-
Molecular weight	106	-
Appearance	White powder	-
Density	2,533	kg/dm^3
Melting point	851	$^{\circ}\text{C}$
Solubility in water at 20 $^{\circ}\text{C}$ in g/1000g	214	-
pH (1% in water)	11.26	-

Chemical Analysis	Value
Na_2CO_3	$\geq 98.5 \%$
NaCl	$\leq 0.25 \%$
Na_2SO_4	$\leq 0.04 \%$
CaO	$\leq 150 \text{ ppm}$
MgO	$\leq 150 \text{ ppm}$
Fe_2O_3	$\leq 20 \text{ ppm}$
Loss on drying	$\leq 1.5 \%$
Free flowing density	$> 0.45 \text{ kg/dm}^3$ $\leq 0.65 \text{ kg/dm}^3$
Granulometry	
$> 1 \text{ mm}$	$\leq 5 \%$

Additional Information:**EINECS Number:** 207-838-8

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