



The Soap Kitchen (2011) Ltd  
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## CERTIFICATE OF QUALITY FOR ANHYDROUS SODIUM CARBONATE - LIGHT GRADE (UK)

COMPANY	BRENNTAG UK LTD (BRISTOL)		
OUR ORDER NO.	3010091989	ITEM NO	3195SA05512
CUSTOMER REF.	4758723		
QUANTITY	4.000	PACKAGE	1 X 1000 KG IBC
BATCH NUMBERS	0000058270	0000231119	
PACK DATES	24-DEC-2019	23-NOV-2019	
RETEST DATE	12 Months from pack date		
CUSTOMER INFO			

This certificate confirms that the above product complies with the following limits:

### CHEMICAL COMPOSITION

			<u>Limit</u>	
Sodium Carbonate	Na <sub>2</sub> CO <sub>3</sub>	%	99.00	min
Bicarbonate	NaHCO <sub>3</sub>	%	0.70	max
Moisture	Loss on Heating	%	0.50	max
Chloride	NaCl	%	0.30	max
Sulphate	Na <sub>2</sub> SO <sub>4</sub>	mg/kg	400	max
Iron	Fe <sub>2</sub> O <sub>3</sub>	mg/kg	30	max
Fluoride	F	mg/kg	15	max
Arsenic	As	mg/kg	1	max
Cadmium	Cd	mg/kg	1	max
Chromium	Cr	mg/kg	1	max
Cobalt	Co	mg/kg	1	max
Copper	Cu	mg/kg	1	max
Lead	Pb	mg/kg	1	max
Manganese	Mn	mg/kg	1	max
Mercury	Hg	mg/kg	0.1	max
Insolubles in water@20C		mg/kg	200	max
Nickel	Ni	mg/kg	1	max
Titanium	Ti	mg/kg	1	max
Vanadium	V	mg/kg	1	max

### PHYSICAL PROPERTIES

		<u>Limit</u>
Pouring Density	kg/m <sup>3</sup>	480-600

### PARTICLE SIZE

	<u>Microns</u>	<u>% by Weight*</u>	
Typical retained on	2800	1	max
Typical retained on	425	3	
Typical retained on	125	33	
Typical retained on	63	42	
Typical passing	63	22	
Average Median Size	100±20		

\* Limits expressed as non-cumulative values