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## CERTIFICATE OF QUALITY FOR SODIUM BICARBONATE EP/USP- MEDIUM GRANULAR GRADE

COMPANY	BRENNTAG UK LTD (BRISTOL)				
OUR ORDER NO.	3010098885	ITEM NO	3195SB01852		
CUSTOMER REF.	4760971				
QUANTITY	2.000	PACKAGE	42 X 25 KG SACKS HT PALLET		
BATCH NUMBERS	0000063479				
PACK DATES	14-AUG-2020				
RETEST DATE	24 Months from pack date				
CUSTOMER INFO					

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

### CHEMICAL COMPOSITION

			<u>Limit</u>	
Identification	Gives reactions characteristic of sodium salts and of bicarbonates			
Sodium Bicarbonate	NaHCO <sub>3</sub>	%	99.0-100.5	
Loss on Drying	Weight Loss	%	0.25	max
Ammonium	NH <sub>4</sub>	mg/kg	20	max
Arsenic	As	mg/kg	2	max
Calcium	Ca	mg/kg	100	max
Chloride	Cl	mg/kg	150	max
Mercury*	Hg	mg/kg	1	max
Lead	Pb	mg/kg	2	max
Iron	Fe	mg/kg	20	max
Sulphate/Limit of sulphur compounds	SO <sub>4</sub>	mg/kg	150	max
pH of a freshly prepared 5% Solution			8.6	max
Normal Carbonate			passes test	
Residual solvents (USP)			Meets the requirements	
Insoluble Substances			1g dissolves completely in 20 ml. of water to give a clear solution	

### PARTICLE SIZE

	<u>Microns</u>	<u>% by Weight*</u>	
Retained on	250	5.0	max
Passing	63	15.0	max

\* Limits expressed as non-cumulative values