

## SALES SPECIFICATION

### Sodium Bicarbonate Food Grade – E500ii

Item	Min/Max
NaHCO <sub>3</sub>	Min 99,3%
Na <sub>2</sub> CO <sub>3</sub>	Max 0,5%
Cl <sup>-</sup>	Max 0,025%
SO <sub>4</sub> <sup>-2</sup>	Max 0,03%
Water insolubles	Max 0,05%
Solubility	Soluble in water, insoluble in ethanol
Lead	Max 0,1 ppm
Arsenic	Max 0,1 ppm
Mercury	Max 0,1 ppm
Iron	Max 10 ppm
Test for sodium	Passes Test
Test for carbonate	Passes test
pH (1% solution)	8,0 – 8,6
Solubility in water	15,6 g/100ml water (60°C) 9,55 g/100ml water (20°C) 5,55 g/100ml water (0°C)
Bulk Density	0,75 – 1,15 g/cm <sup>3</sup>
Loss on drying	Max 0,25% (4hrs on silica gel)
Whiteness %	L* = 95 min (CIE Lab)
Appearance	Free crystalline masses, crystalline powder
Ammonium salt	No odour of ammonia perceptible after heating
Particle size Distribution (cumulative)	%
+150 micron	-- (Typical 5 – 30)
+75 micron	20 – 90
+45 micron	60 – 100
Dioxins	Max 0,1 ng/kg
Sum of dioxins and dioxin-like PCB's	Max 1,0 ng/kg
Salmonella	0 kob/25g
Enterobacteria	Max 5x10 <sup>2</sup> kob/g
Mould-yeast	Max 1000 kob/g

- Product complies with EU Directive 231/2012/EC.
- Shelf life: 24 months after production date if stored in a cool and dry place
- Must be stored in a covered warehouse, preferably lower than 30°C and 50% humidity and well ventilated
- Not recommended to store more than one pallet on another
- Do not use opened or damaged packaging

Packing:       25kg bags on pallets of 1250kg  
                  1000kg bigbags

VERSION: SOD-BIC / 082021

PART:    SOD-BIC-01-002-PD-25KG BG-FOG  
          SOD-BIC-01-013-PD-1000KG BB-FOG

DATE: 18/08/2021



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