

The following specification is the latest revision (as at 02 Dec 2019) and supersedes all previous specifications for this product code.

Specification Details					
<b>Product Code</b>	SOBICA3070	<b>CAS Number</b>	144-55-8	<b>Shelf Life</b>	730 Day
<b>Product</b>	Sodium Bicarbonate ETI				
<b>Pack Size</b>	25 kg net Bags				
<b>Customer Name</b>	Enfield Produce				
<b>Sales Order</b>	4797649	<b>Customer Ref</b>	Milton email 2/12		
<b>Revision</b>	2 (on 14/11/2019)				
<b>Authorised By</b>	Damien Barrett Quality Assurance Manager	<b>Notes</b>	Amended description.		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Chemical Name: Sodium Bicarbonate				
Formula: NaHCO <sub>3</sub>				
Molecular weight: 84.01				
Appearance: white powder				
NaHCO <sub>3</sub>	%		Min 99.3	TS 1282
Na <sub>2</sub> CO <sub>3</sub>	%		Max 0.5	Validation
Cl	mg/kg		Max 700	TS 3050
SO <sub>4</sub> <sup>2-</sup>	mg/kg		Max 300	TS 3050
Water insoluble	mg/kg		Max 500	TS 10380
#pH, 1% Solution			8.0 - 8.6	Validation
#Arsenic, As	ppm		Max 0.1	ICP
#Lead, Pb	ppm		Max 0.1	ICP
#Mercury, Hg	ppm		Max 0.1	ICP
#Iron, Fe+3	mg/kg		Max 0.005	ICP
Humidity	%	0.03	Max 0.05	Validation
Bulk Density	g/cm <sup>3</sup>		0.75 - 1.15	
NaCl	mg/kg	176	to be reported	TS 3050
Cadmium, Cd	ppm	Max 2		
Fluorine, F	ppm	Max 150		
Solubility, g/100 ml water	deg C			
- @ 60 deg C		15.6		
- @ 20 deg C		9.55		
- @ 0 deg C		5.55		
#Dioxins	ng/kg		Max 0.1	EC directive 2002/70/EC
#Sum of dioxins and dioxin-like PCBs	ng/kg		Max 1.0	EC directive 2002/70/EC
Particle Size:				
+75 micron	%		20 - 90	Validation
+45 micron	%		60 - 100	Validation



<b>Specifications</b>				
<b>Description</b>	<b>Unit</b>	<b>Typical</b>	<b>Guaranteed</b>	<b>Method</b>
Note:# These results are typical experiment values				

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