



## Specification Sodium Benzoate FCC Prills

The following specification is the latest revision (as at 25 Nov 2022) and supersedes all previous specifications for this product code.

Specification Details					
<b>Product Code</b>	SOBENZ6300	<b>CAS Number</b>	532-32-1	<b>Shelf Life</b>	730 Day
<b>Product</b>	Sodium Benzoate FCC Prills				
<b>Pack Size</b>	25 kg net Bags				
<b>Customer Name</b>	Alpha Chemicals Pty Ltd				
<b>Revision</b>	9 (on 24/02/2022)				
<b>Authorised By</b>	Damien Barrett Quality Assurance Manager	<b>Notes</b>	Added Acidity or Alkalinity		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: a white, almost odourless, crystalline prill			Conforms	
Melting Range for Benzoic Acid	deg C		121.5 - 123.5	
Identification:				
- Benzoates			Passes Test	
- Sodium			Passes Test	
- IR			Passes Test	
- Retention Time			Passes Test	
Appearance of Solution:				
- Clarity: clear			Conforms	
- Colour: Y6			Conforms	
Alkalinity	%		Passes Test	FCC
Acidity or Alkalinity	ml/g		Max 0.2	BP
Halogenated Compounds:				
- Ionised Chlorine	ppm		Max 200	
- Total Chlorine	ppm		Max 300	
Heavy Metals as Lead	ppm		Max 10	
Arsenic	ppm		Max 2	
Lead	ppm		Max 2	
Mercury	ppm		Max 0.5	
Cadmium	ppm		Max 0.5	
Iron	ppm		Max 1	
Readily Carbonisable Substances			Passes Test	
Polycyclic Acids			Passes Test	
Loss On Drying	% m/m		Max 1.5	
Assay	% m/m		99.0 - 100.5	
pH, 1:10 solution			7.5 - 8.0	
Typical Mesh Range		10 - 40 Mesh		
Typical Prill Diameter	mm	0.8 - 1.7		
Bulk Density (Loose)	KG/M3	610 - 660		
Conforms to BP2013, EP8.0, E211, USP38, NF33, FCC12			Conforms	

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