

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
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Certificate of Analysis

Product Name	DL-Mandelic acid		
CAS NO	611-71-3		
Manufactured Date	2022.09.20	Test Date	2022.09.20
Batch NO.	LY220920	Expiry Date	2024.09.19

Item of Analysis	Specification	Results		
Assay	>99%	99.2%		
Organoleptic Data				
Appearance	Powder	Conform		
Colour	White	Conform		
Odor	Characteristic	Conform		
Taste	Characteristic	Conform		
Melting point	118-122°C	120°C		
Solubility	150g/L(20°C)	Conform		
Loss on drying	<0.2%	0.09%		
SingLe impurity	<0.10%	0.03%		
Total ash	<0.50%	0.15%		
Total Heavy Metals	<10ppm	Conform		
Microbiological				
Total Plate Count	<1,000cfu/g	Conform		
Total Yeast & Mold	<100cfu/g	Conform		
E. Coli	Negative	Negative		
Salmonella	Negative	Negative		
Conclusion	Complies with specification.	Complies with specification.		
Storage	Store in a well-closed container away from moisture, light, oxygen.			
Shelf life	24 months			