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CERTIFICATE OF ANALYSIS

Item Description:	Allantoin	Batch Number:	20180628
Date of Manufacture:	28/06/2018	Date of Expiry:	27/06/2021
Ascot Ref:	9814	Quantity:	500 kg
PARAMETER	SPECIFICATION	RESULTS	
Assay	98.0- 101.0%	99.2%	
Characteristic	White crystalline powder	Conforms	
Melting Point	225°C with decomposition	226.3°C	
Solubility	Slightly soluble in water Very slightly soluble in alcohol	Conforms	
Identification	A. Infrared spectrum is march with the spectrum of allantoin CRS B. Thin-Layer Chromatographic Identification Test	Conforms	
Acidity or Alkalinity	To Conform	Conforms	
Optical Rotation	-0.10° ~+0.10°	Conforms	
Related Substances	<0.5%	0.4 %	
Loss on Drying	<0.1%	0.5 %	
Sulphated Ash	<0.05%	0.03 %	
Heavy Metal (Pb)	≤10ppm	Conforms	

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