GREEN VALLEY LABORATORY

CERTIFICATE OF ANALYSIS

Product:	ALLANTOIN USP		
Lot #:	1031	**Re-test:**	June 2028

Property	Specification	Analysis
Appearance	Crystalline Powder	Conforms
Color	White	Conforms
Odor	Odorless	Conforms
Identification	Complies with requirements	Conforms
Assay	98.5% - 101.0%	99.4 %
Acidity or alkalinity	Comply with requirements	Conforms
Optical rotation (^{0})	-0.10° / +0.10°	0.00
Reducing Substances	Comply with requirements	Conforms
Related Substances	Comply with requirements	Conforms
Loss on drying %	0.1% Max	0.10
Sulphated ash EP, Residue on ignition USP%	0.1% Max	Conforms
Sulfate	< 200 ppm	Conforms
Chloride	< 40 ppm	Conforms
Heavy Metals (as Pb)	< 10 ppm	Conforms
Microbiological Test	< 100 cfu/g	Conforms

ADDITIONAL INFORMATION

Allantoin melts at approx. 230°C with decomposition.

Product meets EP, USP, and BPC 34 specifications

The above data were obtained using the test-indicated method. Results may vary under other test methods and are subject to the deviation inherent in the test conditions.

DISCLAIMER

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