

	PRODUCT SPECIFICATIONS	Release date: 5/26/2005 Revision date: 18.5.2021 Page 1/1 Version F
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Product name: ALLANTOIN

INCI name: Allantoin
Chemical name: (2,5 – Dioxo – 4 – Imidazolidinyl) Urea
Chemical formula: C₄H₆N₄O₃

CAS Number: 97-59-6
EINECS Number: 202-592-8

Chemical and physical characteristics Unit		Specifications
Appearance	-	white powder
Contents	%	98.5 – 101.0 ca.
Melting point	°C	225.0
Identification - IR	-	Complies with standard (USP/Ph.Eur)
Acidity and alkalinity	-	Complies with standard ((USP/Ph.Eur) -0.10 ~
Optical rotation	-	+0.10 < 0.5 (USP/
Related substances	%	Ph.Eur) < 0.1 < 0.05 ý 10
Loss on drying	%	< 0.1
Sulphate ash	%	slightly
Heavy metals (Pb)	ppm	
The residue after burning	%	
Solubility	-	soluble in water very little soluble in alcohol

Allergens in cosmetics: Does not contain (according to regulation EK 1223/2009).

Allergens in food: Does not contain (according to Regulation EC 1169/2011, Annex II)

GMO: Do not contain.

Storage: Store in closed containers in a dry and cool place.

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