

DATA SHEET

Allantoine BPC34

Molecular weight	: 158.12	CAS no.	: 97-59-6
Synonym	: Urea, (2.5-dioxo-4-imidazolidinyl)	EINECS no.	: 2025928
		Product no.	: 44100

Specifications:

Analytical Methods

Appearance		: tasteless powder
Colour		: white
Odour		: odourless
Infrared spectrum (CTFA)	01	: to match standard spectrum with no indication of contamination
Assay (CTFA)	03a/05	: more than 99.0 %
Sulphated Ash (CTFA)	11	: 0.1 % max.
Sulphate	15/15a	: less than 200 ppm
Chloride	16/16a	: less than 50 ppm
Loss on drying	17a/17b	: 0.2 % max.
PH 0.5 % water solution	18	: 3.5 - 6.5
Heavy metals (USP)	19/19b	: less than 10 ppm
Glycoluril (CTFA)	20	: less than 0.2 %
Nitrogen	03a/05	: 35 – 35.5 %
Apparent specific weight	22	: 0.7 g/cc
Allantoine melts at approx. 230 degrees with decomposition.		
Sieve ASTM 140 (0.10 mm.) retains		: less than 0.4 %
Sieve ASTM 270 (0.05 mm.) retains		: less than 3.5 %
Microbiological contamination		: < 100 c.f.u./g

Product meets standard specification B.P.C. 34 and C.T.F.A./USA

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IBAN: NL88ABNA0644233400
ABN Amro nr.: 24.21.25.573 (USD)
IBAN : NL80ABNA0242125573
BIC : ABNANL2A