

CERTIFICATE OF ANALYSIS

Product Name: AC-AT
INCI Name: Allantoin
Lot No.: 241030AC01S
Manufacture Date: Oct. 28th, 2024

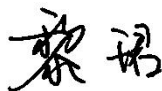
ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Complies
Identification	A. Infrared spectrum is march with the spectrum of allantoin CRS	Complies
	B. Thin-Layer Chromatographic Identification Test	
Assay	98.5-101.0%	99.2%
Loss on drying	≤0.1%	0.07%
Solubility	Slightly soluble in water	Complies
	Very slightly soluble in alcohol	
Melting point	About 225°C, with decomposition	225.5°C
Optical rotation	-0.10° ~ +0.10°	+0.01°
Acidity or alkalinity	To conform	Complies
Residue on ignition	≤0.1%	0.04%
Reducing substances	To conform	Complies
Heavy metals (as Pb)	≤10mg/kg	Complies

CONCLUSION: Conform to USP40.

STORAGE: Store in cool and dry place. Keep away from strong light and heat.

SHELF LIFE: 3 years when properly stored.

OPERATOR:



AUDITOR:

