



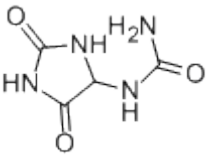
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

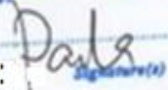
CERTIFICATE OF ANALYSIS

NO: DYC081811211

Product name	Allantoin
CAS Number	97-59-6
Molecule Structure	
Molecule Formula	C ₄ H ₆ N ₄ O ₃
Batch number	20180811
Manufacture date	2018-08-11
Testing date	2018-08-11

Items	Standard	Result
APPEARANCE	WHITE POWDER	COMPLY
ASSAY (%)	99 - 101%	99.17%
MELTING POINT	>225 °C	229.70
LOSS ON DRYING (%)	0.10%MAX	0.071%
URNT RESIDUE	0.10 % MAX	0.032%
HEAVY METALS (PB)	10 PPM MAX	< 10PPM
IDENTITY IR	AS BY REF. STANDARD	CONFORM
PH VALUE (0,5 WATER SOLUTION)	4.0-6.0	4.33
SULPHATED ASHES	0.10% MAX	0.057
FUNGI YEAST COUNT	< 50CFU/G	CONFORM
TOTAL PLATE COUNT	< 1000CFU/G	CONFORM
OPTICAL ROTATION	-0.10 ° - +0.10 °	CONFORM
REDUCING SUBSTANCES:	0.1% MAX	0.030%
RELATED SUBSTANCES	<0.5%	0.224%
SOLUBILITY AT 70° C (2% IN DIST. WATER)	CLEAR	COMPLY
ACIDITY OR ALKALINITY	COMPLY	COMPLY

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL: 

CHECK: 姚仙娟

INSPECTOR: 刘清风