

CERTIFICATE OF ANALYSIS

Product: DHEA 99% (*Dehydroepiandrosterone*) for use a dietary supplement.

Lot No:	02305040256	Country of origin:	China
Date of Manufacturing:	04-02-05	Extraction Solvent:	Not Applied
Expiration/re-test date:	04-02-07	Plant/Drug Extract Ratio:	Not Applied
QC acceptance date:	06-07-05	Grade:	Food

ATTRIBUTES	SPECIFICATION	METHODS	RESULTS
APPEARANCE	WHITE POWDER	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
PRODUCT ID	TLC FINGERPRINT	TLC	PASS
DHEA	≥ 99%	HPLC	99.4%
LOSS ON DRYING	≤ 0.5%	USP 24	0.35%
HEAVY METALS	< 10 ppm	USP 24	PASS
SPECIFIC ROTATION	+12-14 deg.	USP 24	+13 deg.
MELTING POINT	149-151 C	USP 24	149-151 C
PARTICLE SIZE:	> 95% through Mesh # 40 Sieve	USP 24	PASS
TOTAL PLATE COUNT	< 1,000 cfu/gm	AOAC	PASS
TOTAL COLIFORM	< 100 cfu/gm	AOAC	PASS
YEAST AND MOLDS	< 100 cfu/gm	AOAC	PASS
E. COLI:	NEGATIVE	AOAC	PASS
SALMONELLA	NEGATIVE	AOAC	PASS
SHELF LIFE	2 YEARS	HPLC	PASS

Carl Lai

06-07-05

CARL LAI, QUALITY MANAGER

ISSUE DATE

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- * THIS PRODUCT SHOULD BE STORED SEALED IN A COOL AND DRY PLACE.