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Certificate of Analysis

NO.:C04-2020034

Product Name:	Dehydroepiandrosterone (DHEA)	**Batch No.:**	C04-200606
Quantity:	20kg	**Packaging:**	10kg/drum
Manuf. Date:	June 12, 2020	**Sampling Date:**	June 17, 2020
Retest Date:	June 11, 2023	**Report Date:**	Aug. 17, 2020
Standard:	FP		

Items	Specifications	Results
1. Appearance:	White or almost white crystalline powder	White crystalline Powder, Micronized
2. Identification: IR	The IR spectrum of sample should be corresponds to that of working reference standard.	Complies
3. Melting range:	146℃ to 151℃	149℃ to 150℃
4. Specific rotation:	+ 11.0° to + 14.0°	+ 12.5°
5. Water:	1.0% Max.	0.19%
6.Sulphated ash:	0.1% Max.	0.02%
7. Hydroxylamine:	5ppm Max.	<5ppm
8. Related substances:	Impurity A: 0.1% Max.	Not detected
	Impurity B: 0.1% Max.	Not detected
	Impurity C: 0.02% Max.	Not detected
	Impurity D: 0.1% Max.	Not detected
	Impurity E: 0.1% Max.	0.06%
	Impurity F: 0.08% Max.	Not detected
	Any unspecified impurity:0.1% Max.	RRT0.51 <0.025% RRT0.60 0.04% RRT1.49 <0.025% RRT0.98 0.03%
	Total impurity: 0.5% Max.	0.14%
9. Assay :	97.5% to 102.0%	99.9%
10. Residual solvents:	Methanol: 3000ppm Max. Ethanol: 5000ppm Max. Toluene: 890ppm Max. Pyridine: 200ppm Max.	35ppm Not detected Not detected Not detected
*11.Particle size:	90% pass 50 μm; 50% pass 15 μm	Complies
Conclusions:	The product conforms to FP.	

Prepared by: Reviewed by: Approved by:

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