

Lot: 0110920

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Certificate of Analysis

NO.:C04-2020034

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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°C to 151°C	149°C to 150°C	
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 μ m; 50% pass 15 μ m	Complies	
Conclusions:	The product conforms to FP.		

Prepared by: 1 Revision: 1

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