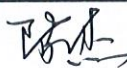



## Certificate of Analysis

NO.:C04-2022003

Product Name:	Dehydroepiandro-sterone (DHEA)	Batch No.:	C04-220201(M)
Quantity:	25kg	Packaging:	25kg/drum
Manuf. Date:	Dec. 12, 2021	Sampling Date:	Feb. 17, 2022
Retest Date:	Dec. 11, 2024	Report Date:	Feb. 21, 2022
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 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°	+ 12.7°
5.Sulphated ash:		0.1% Max.	0.04%
6. Hydroxylamine:		5ppm Max.	<5ppm
7. 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.		Not detected
	Impurity F: 0.08% Max.		Not detected
	Any unspecified impurity:0.1% Max.		RRT 0.53    0.03% RRT 0.62    0.07% RRT 1.47    <0.025% RRT 2.86    0.04%
	Total impurities: 0.5% Max.		0.14%
8. Assay :		97.5% to 102.0%	101.0%
9. Residual solvents:		Methanol: 3000ppm Max. Ethanol: 5000ppm Max. Toluene: 890ppm Max. Pyridine: 200ppm Max.	68ppm <LOQ(50.0ppm) Not detected Not detected
*10. Water:		1.0% Max.	0.10%
Conclusions:		The product conforms to FP.	

Prepared by: 

Reviewed by: 

Approved by: 