

Certificate of Analysis

Product Name:	Dehydroepiandrosterone (DHEA)	Batch No.:	C04-220211
Quantity:	25kg	Packaging:	25kg/drum
Manuf. Date:	Feb. 27, 2022	Sampling Date:	Mar. 05, 2022
Retest Date:	Feb. 26, 2025	Report Date:	Mar. 24, 2023
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°	+ 12.9°
5. Water:		1.0% Max.	0.15%
6.Sulphated ash:		0.1% Max.	0.05%
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.		Not detected
	Impurity F: 0.08% Max.		Not detected
	Any unspecified impurity:0.1% Max.		RRT 0.62 0.04% RRT 1.48 <0.025% RRT 2.88 0.04%
	Total impurity: 0.5% Max.		0.08%
9. Assay :		97.5% to 102.0%	100.3%
10. Residual solvents:		Methanol: 3000ppm Max. Ethanol: 5000ppm Max. Toluene: 890ppm Max. Pyridine: 200ppm Max.	223ppm Not detected Not detected Not detected
Conclusions:		The product conforms to FP.	

Prepared by:

Reviewed by:

Approved by: