



Science For Health

KalChem
INTERNATIONAL
Compounding Chemicals You Can Trust

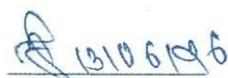
La Chandra
Pharmalab Pvt Ltd
CIN : U24230GJ2013PTC078033

CERTIFICATE OF ANALYSIS

Name of Product: Progesterone USP (Micronised)		Page No. : Page 1 of 2
Batch No. : PRGy-26025M1	A.R No. : AR/FP/PRGy/26/0209	Effective Date : 06/05/2026
Mfg. Date : May.-2026	Sampling Date : 06/06/2026	Retest Date : Apr.-2029
Ref. Specification : LC/QC/FP/PRGy/003-02	Release Date : 13/06/2026	

Sr. No.	Test	Result	Specification
1.0	Description	Creamy white, odourless crystalline micronised powder	White or creamy white, odorless, crystalline powder.
2.0	Melting Range	129.3°C to 130.1°C	Between 126°C to 131°C
3.0	Solubility	Complies	Practically insoluble in water; soluble in alcohol, in acetone and in dioxane; sparingly soluble in vegetable oil.
4.0	Identification A) By IR	Complies	The transmission minima (absorption maxima) in the spectrum obtained with the substance to be examined correspond in position and relative size to those in the spectrum obtained with the progesterone WS/CRS.
	B) By UV	Complies	The UV absorbance spectra of the test solution and the standard solution exhibit maxima and minima at the same wavelength.
5.0	Specific optical rotation	+179.0°	+ 175° to + 183° (based on dried substance)
6.0	Loss on drying	0.19 % w/w	Not more than 0.5% w/w
7.0	Assay (By HPLC)	99.69 % w/w	NLT 97.0% & NMT 103.0 % w/w (On dried basis)


13/06/26
Prepared By


13/06/26
Checked By


13/06/2026
Approved


Reg Add : 714, Maple Trade Centre, Near Surdhara Circle, Sal Hospital Road, Thaltej, Ahmedabad - 380 054, India.
Phone : +91 79 4004 7439
Mfg Site : At - 64/2/2, Village - Vaghrol, Ta - Dantiwada, Via Palanpur, Dist. Banaskantha - 385 510, Gujarat, India.
Email ID : info@lachandra.in | www.lachandra.in



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Sr. No.	Test	Result	Specification
8.0	Residual Solvents		
	Methanol	Below quantitation limit	NMT 3000 ppm
	Acetone	Below detection limit	NMT 5000 ppm
	Acetonitrile	12 ppm	NMT 410 ppm
	Methylene Dichloride	27 ppm	NMT 600 ppm
9.0	Particle Size		
	D(90)	9.40 μ m	$\leq$ 20 μ m

Remarks: The above material complies / ~~does not comply~~ as per **USP** specification.

Storage: Preserve in tightened light-resistant container. Store at 25°C. Excursions permitted between 15°C and 30°C.

CAS No: 57-83-0

Molecular weight: 314.5 g/mol.

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