

# PROCHEM PHARMACEUTICALS PVT. LTD

140-141, Makkanpur Bhagwanpur, Roorkee, Dist. Haridwar (UK)

## CERTIFICATE OF ANALYSIS (FINISHED PRODUCT)

(The Drug & Cosmetic Act 1940 and the rule there under)

Mfg. Lic. No.-78/UA/2016

REPORT No : PTT/24/1969

PRODUCT : Paracetamol Tablets IP 500 mg  
PARACAN 500

BATCH No : TAR-241969

Mfg. Date : 09/2024

Exp. Date : 08/2027

Date of Receipt : 16/10/2024

Batch Size : 7.5Lac

Sample Qty. : 45 Tabs

Test	Specifications	Results
Description	White colour, round shape, flat, uncoated tablets scored on one side	Complies
Identification	A. Determine by infrared absorption spectrophotometry Compare the spectrum with that obtained with paracetamol IPRS	Complies
	B. Boil 0.1 g in 1 ml of hydrochloric acid for 3 minutes, add 10 ml of water and cool; no precipitate is produced. Add 0.05 ml of 0.0167 M potassium dichromate; a violet colour develops which does not turn red.	Complies
Average weight	580 mg $\pm$ 2 %	578.3mg
Uniformity of weight	Not more than two of the individual weights deviate from the average weight by more than $\pm$ 5% and none deviates by more than $\pm$ 10%	Min: 563.8mg (-2.50)% Max: 592.4mg (+2.43)%
Dissolution	QNLT 80%	(93.19 – 97.45)%
Related substances	4-aminophenol- NMT-0.1%	Not Detected
	4-chloroacetanilide – NMT-10ppm	Not Detected
	Any other impurity- NMT 0.25%	Not Detected

Assay :- Each uncoated tablet contains

Ingredients	Claim	Found	% of Claim	Limit
Paracetamol IP	500 mg	497.24mg	99.44%	(475-525) mg

Conclusion : In the Opinion of the under signed, the sample referred to above is of STANDARD QUALITY/NOT OF STD. QUALITY as defined in the act and the rules made there under as per Specification No. PC/SP/FGT/607-01

ANALYSE BY <i>Roety</i>	CHECKED BY <i>N Singh</i>	APPROVED BY <i>AM</i>
DATE: 17/10/2024	DATE: 17/10/2024	DATE: 17/10/2024