STANDARD TESTING PROCEDURE (STP)

Company: XYZ Pharma Ltd.

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Approved By: Head – Quality Assurance

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1. Objective

To establish a validated and reproducible procedure for the analysis of Paracetamol tablets.

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2. Scope

This procedure is applicable for the determination of assay and dissolution profile of Paracetamol tablets.

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3. Materials and Reagents

Paracetamol Reference Standard

Distilled Water

Methanol

HPLC grade solvents

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4. Procedure

1. Weigh 20 tablets and determine the average weight.

2. Prepare sample solution as per the method.

3. Inject the sample into the HPLC system.

4. Calculate the content using the calibration curve.

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5. Acceptance Criteria

The assay should be within 98% to 102% of the labeled claim.

RSD (Relative Standard Deviation) should not exceed 2%.

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6. Safety Precautions

Follow lab safety prot

ocols.

Use gloves, goggles, and lab coat during handling of chemicals.