



**National Agency for Food & Drug Administration & Control  
(NAFDAC)**

**Public Assessment Report (PAR)**

**Pentazocine injection 30 mg/mL**

**Pentazocine 30 mg/mL**

**A4-101503**

**Longer Life Healthcare Limited**

This report reflects the scientific assessment for the approval of Longer Life Healthcare Limited Pentazocine injection. The product was licenced in August 2025.

## PART 1: ABSTRACT

Pentazocine injection containing pentazocine as its active pharmaceutical ingredient, manufactured at Farbe Firma Private Limited, Gujarat, India, was granted marketing authorization by NAFDAC for the relief of moderate to severe pain on 27 August 2025.

Pentazocine is indicated for the relief of moderate to severe pain.

For details on the uses of this product and for side effects and warnings, see the summary of product characteristics (SmPC), which can be found in the NAFDAC Greenbook.

The marketing authorization of Pentazocine by NAFDAC is based on the review of the Common Technical Document (CTD) dossier submitted to ascertain the quality, safety, and efficacy.

All accepted presentations of Pentazocine have been shown in Part 2 of this report. The Summary of Product characteristics (SmPC) and the approved labelling have been presented in Part 3 and Part 4 respectively.

Scientific discussion on the quality, non-clinical and clinical aspects of Pentazocine has been presented in Part 5 of this report.

The detailed steps taken to approve Pentazocine by NAFDAC have been presented in Part 6 of this report.

No action or steps have been taken following the marketing authorization of this Pentazocine.

## PART 2: ACCEPTED PRESENTATIONS

Product Name	Active Ingredients	Pharmaceutical Form/Description	Packaging	Pack size
Pentazocine injection 30 mg/mL	Pentazocine 30 mg/mL	A colorless or almost colorless solution packed in a clear glass ampoule	10 x 1 mL in a clear blue dot OPC clear glass ampoule placed in transparent tray and packed in a printed mono carton.	10 x 1mL

## PART 3: SUMMARY OF PRODUCT CHARACTERISTICS (SmPC)

Refer to the NAFDAC Greenbook URL below for the SmPC

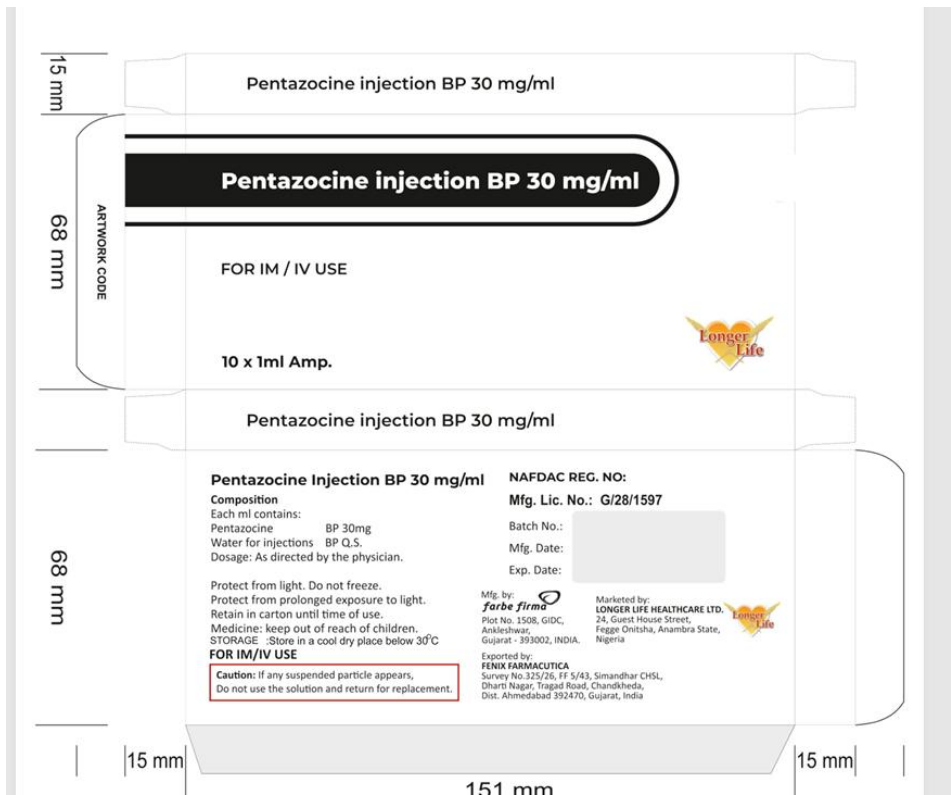
See: <https://greenbook.nafdac.gov.ng/>

## PART 4: LABELLING

### Primary label



### Secondary label



## **PART 5: SCIENTIFIC DISCUSSION**

### **5.1. About the Product**

#### **5.1.1 Name of the product**

Pentazocine injection BP 30 mg/mL

#### **5.1.2 Therapeutic indication**

Pentazocine injection is used for the relief of moderate to severe pain.

#### **5.1.3 Applicant**

Longer Life Healthcare Limited, No. 5, Udi Street, Fegge, Onitsha, Anambra State, Nigeria.

#### **5.1.4 Pharmaceutical form**

A colorless or almost colorless solution packed in a clear glass ampoule.

#### **5.1.5 Storage**

Do not store above 30°C. Store in the original packaging. Protect from light.

#### **5.1.6 Shelf life**

36 months

#### **5.1.7 Product presentation**

Pentazocine injection is presented as 10 x 1 mL in a clear glass ampoule containing colorless or almost colorless solution. They are placed in transparent tray and packed in a printed mono carton

### **5.2 Drug Substance**

#### **5.2.1 Manufacturer**

The active ingredient, pentazocine is manufactured by Sun Pharmaceutical Company Limited, Vill. Toansa, P.O Rail Majra, Distt. S.B.S Nagar (Nawanshahar) – 144533, Punjab, India.

The API specifications are pharmacopoeial based.

Stability testing was conducted according to the requirements of NAFDAC. The proposed re-test period is justified based on the stability results when the API is stored in line with the storage statement.

### **5.3 Other ingredients**

Other ingredients used in the formulation of Pentazocine injection include sodium chloride, lactic acid and water for injection all being controlled by pharmacopoeial. None of the excipients are derived from human or animal origin.

### **5.4 Drug Product**

#### **5.4.1 Drug product manufacturer**

Farbe Firma Private Limited. Plot no: 1508, near Atique Bakery, GIDC Estate, Ankleshwar-393002, Gujarat, India

### 5.4.2 Pharmaceutical development

The objective of the pharmaceutical development is to manufacture a generic product which is stable, deliver the intended performance, safe and bioequivalent in term of efficacy to the reference product, Fortwin (Pentazocine lactate injection IP), manufactured by Ranbaxy Private Limited, India.

The manufacturing method used was dry and steam sterilization and depyrogenation of vials. All the manufacturing processes were validated.

### 5.4.3 Specification

The finished product specification is based on BP monograph. The finished product specifications include identification by IR & TLC, average net volume, extractable volume, pH, bacterial endotoxin test, sterility, particulate matter, related substances, bacterial endotoxins test (BET) and assay. The test procedures have been adequately validated.

### 5.4.4 Stability

Stability studies have been conducted at 30°C/75%RH as long-term storage conditions and for six months at accelerated conditions in the packaging intended for marketing of the product. The product proved to be quite stable in these conditions, with no apparent negative trend. Based on the data submitted, the proposed shelf life of 36 months and ‘Do not store above 30°C, store in the original packaging, protect from light’ have been accepted.

### 5.5 Conclusion

Based on the assessment of data submitted, the benefit–risk profile of Pentazocine was acceptable for the following indication ‘for the relief of moderate to severe pain’ and is included in the list of approved medicinal products by NAFDAC.

## PART 6: STEPS TAKEN FOR REGISTRATION

The applicant, Longer Life Healthcare Limited, No. 5, Udi Street, Fegge, Onitsha, Anambra, Nigeria, submitted application to the National Agency for Food and Drug Administration and Control (NAFDAC), for the registration of Pentazocine injection.

The following are the steps for the registration of Pentazocine injection

September 2024	Date of receipt of application
March 2025	Date of conclusion of assessment
July 2025	Date of inspection
27 August 2025	Date of issuance of Marketing Authorization

## PART 7: STEPS TAKEN FOLLOWING REGISTRATION

No action or steps have been taken following marketing authorization of Pentazocine injection.