

- **Material Type:** Tinplate — durable and resistant to petroleum products.
- **Shape:** Rectangular — easy to stack and transport.
- **Use:** Specifically for petroleum product sampling.
- **Size:** Length 6.5 in, Width 4.0 in, Height 6.0 in — compact but sufficient for sample volumes.
- **Gauge:** 24 mm — indicates thickness/strength of the tinplate.
- **Weight:** 265 g per container — lightweight for handling.
- **Capacity:** 2.5 liters — adequate for standard sampling needs.
- **Quantity:** 4000 units — bulk procurement specification.
- **Caps:** Plastic caps made of polypropylene or high-density polyethylene, fitted with wire seals and unique identity numbers — ensures tamper-proof sealing and traceability.

In essence, the **standardized design and quality requirements** for containers used in petroleum sampling, ensuring consistency, safety, and accountability in handling petroleum products.

1. **Select Tinplate Material**

Ensure containers are made of tinplate for durability.

- Resistant to petroleum products
- Provides structural strength

2. **Confirm Container Dimensions**

Check the rectangular shape and specified size.

- Length: 6.5 in
- Width: 4.0 in
- Height: 6.0 in

3. **Verify Gauge and Weight**

Ensure thickness and weight meet standards.

- Gauge: 24 mm
- Single gross weight: 265 g

4. **Check Capacity and Quantity**

Confirm storage volume and procurement numbers.

- Capacity: 2.5 L
- Quantity: 4000 units

5. **Inspect Caps and Seals**

Safety: Ensure caps are secure and tamper-proof.

- Plastic caps (polypropylene/HDPE)
- Wire seals with unique identity numbers