

# PODGE Batch Digital Passport Report

Batch ID: BATCH-SUMUT-2026-001

Status: Terverifikasi

Trust Score: 100/100

Generated At: 2026-07-29T17:31:09.330Z

Report Integrity Hash:

sha256:1c33b470dd94633ee911521068b314e03f36677ad045d33d361d6e36b95aa3c4

## 1. TRACEABILITY SUMMARY

Origin: Kelompok Tani Harapan Makmur

Volume: 3.120 Kg TBS

Destination: PKS PT Sumatera Palm Lestari Mill

Ledger Timestamp: 2026-06-05T10:20:00.000Z

Blockchain Hash: 0x8a9b0c1d2e3f4a5b6c7d8e9f0a1b2c3d4e5f6a7b8c9d0e1f2a3b4c5d6e7f8a9b

## 2. GEOLOCATION / POLYGON LAHAN

Estate: Kavling Sawit Mandiri - Blok Sumut H5

Province/District: Sumatera Utara / Labuhanbatu

Centroid: 2.1524, 99.8245

Area: 5.2 Ha

Polygon Point 1: 2.155, 99.821

Polygon Point 2: 2.155, 99.828

Polygon Point 3: 2.15, 99.828

Polygon Point 4: 2.15, 99.821

## 3. VALIDATED FARMER / COOPERATIVE IDENTITY

Cooperative: Koperasi Produsen Sawit Labuhanbatu

Registration ID: KOP-SUMUT-LAB-2026-0115

Chairperson: Bapak H. Syamsul Arifin

Validation: Validated by PODGE Admin + Independent Auditor

Farmer Group: Kelompok Tani Harapan Makmur / FARMER-GRP-LAB-115

## 4. ISPO / RSPO DOCUMENTS

RSPO: RSPO-ISH-ID-2026-8891

Holder: Koperasi Produsen Sawit Labuhanbatu

Valid Until: 2030-12-15

Status: Valid

## 5. EVIDENCE PHOTOS

Foto Bukti Panen: /evidence/batch-podge-2100-001-harvest.svg

Captured At: 2026-06-05T07:12:00.000Z

GeoTag: 2.1524, 99.8245

Evidence Hash: sha256:8a9b0c1d2e3f4a5b6c7d8e9f0a1b2c3d4e5f6a7b8c9d0e1f2a3b4c5d6e7f8a9b

Foto Bukti Pengiriman: /evidence/batch-podge-2100-001-delivery.svg

Captured At: 2026-06-05T08:04:00.000Z

GeoTag: 2.2240, 99.8920

Evidence Hash: sha256:cc71a41a90e9fb3cb272032ff9f4542a2100d3f86fa4f51b722873af4b59a6be

## 6. ROLE SIGNATURES

Petani: Kelompok Tani Harapan Makmur | Create harvest evidence | Signed

Koperasi: Koperasi Produsen Sawit Labuhanbatu | Validate member and volume | Signed

PKS: PKS PT Sumatera Palm Lestari Mill | Receive shipment | Signed

Auditor: Auditor Independen ISPO/RSPO | Verify certificates and geofence | Signed

Admin: PODGE Governance Node | Lock ledger record | Signed

## 7. IMMUTABLE AUDIT TRAIL

1. 2026-06-05T07:12:00.000Z | Petani | Harvest photo and geolocation submitted

Previous Hash: GENESIS

Entry Hash: 0x50bb6d7990a5f82ff3b576817fb6cf710f8c8da2cd55dd12a14a2d3b4dff2100

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2. 2026-06-05T07:48:00.000Z | Koperasi | Volume weighed and cooperative identity validated

Previous Hash: 0x50bb6d7990a5f82ff3b576817fb6cf710f8c8da2cd55dd12a14a2d3b4dff2100

Entry Hash: 0xf6100c9112d6043891a727d900a6949a21007ca89cce4111f4cf2d64f4fd1c6a

3. 2026-06-05T09:49:00.000Z | PKS | TBS delivery arrived, weighed, and accepted at Mill reception

Previous Hash: 0xf6100c9112d6043891a727d900a6949a21007ca89cce4111f4cf2d64f4fd1c6a

Entry Hash: 0x3c71a41a90e9fb3cb272032ff9f4542a2100d3f86fa4f51b722873af4b59a6be

4. 2026-06-05T10:20:00.000Z | Auditor | RSPO compliance documents and geofencing validation finalized

Previous Hash: 0x3c71a41a90e9fb3cb272032ff9f4542a2100d3f86fa4f51b722873af4b59a6be

Entry Hash: 0x8a9b0c1d2e3f4a5b6c7d8e9f0a1b2c3d4e5f6a7b8c9d0e1f2a3b4c5d6e7f8a9b

## 8. QR SURAT JALAN / INVOICE

Surat Jalan: SJ-SUMUT-2026-001

Invoice: INV-SUMUT-2026-001

Truck Plate: BK 9054 YL

Driver: DVR-\*\*\*\*-115

Distance: 24 Km / Max 120 Km

## 9. ANTI-FRAUD VALIDATION

Pass: Duplicate hash detection - No matching hash found in active ledger sample.

Pass: Volume anomaly - 3,120 Kg is within cooperative capacity.

Pass: Distance sanity - 24 Km route distance is below 120 Km regional max.

Pass: Geofence validation - Harvest evidence coordinate falls inside Blok Sumut H5 polygon.

Pass: Role signature completeness - Petani, koperasi, PKS, auditor, and admin signed the trail.