

CASE INTELLIGENCE REPORT

CASE #99EA6CC9

STATUS

Pending

RISK LEVEL

Medium

SCREENING CYCLES

3

ASSIGNED OFFICER

Officer A

RISK	COPILOT TRIAGE	HUMAN REVIEW	SANCTIONED PATH	PRECEDENT LEAN
● Medium	● Needs Review	● Required	● Found	● False-Positive

PART A

Compliance Assessment

Plain English — for the MLRO and business readers

CASE #99EA6CC9

Executive summary

MLRO BRIEF

Eagle screened the name "Alex Sample" and found a potential match against "Sample, Wei" on the OFAC_SDN list with a 86.4% name-similarity score. The case is currently **PENDING** at **MEDIUM** risk, assigned to Officer A. The network scan found a connection to a sanctioned entity within 2 steps (Alex Sample → Example Trade Holdings → Sample, Wei). Of the 12 similar resolved cases, 3 were confirmed as genuine and 9 were closed as false positives. History leans towards a false alarm. Eagle's triage copilot recommends to have a human officer review it; a human decision is mandatory before the case can be closed. Recommended next step: review the evidence below and resolve the case through the governance workflow.

- Risk · Medium
- Copilot triage · Needs Review
- Human review · Required
- Sanctioned path · Found
- Precedent · False-Positive

Who was screened

SUBJECT OF RECORD

SCREENED NAME	MATCHED ENTITY	SANCTIONS LIST
Alex Sample	Sample, Wei	OFAC_SDN
EXTERNAL REFERENCE	CASE OPENED	ASSIGNED OFFICER
KYC-2026-114982	12 Jun 2026 · 11:14	Officer A

Identity comparison

VERIFY THE AMBER ROWS AGAINST THE KYC FILE

ATTRIBUTE	SCREENED SUBJECT — KYC	LISTED ENTITY — SANCTIONS RECORD
Full name	Alex Sample	Sample, Wei
Date of birth	VERIFY AGAINST KYC	1962-03-14
Nationality	VERIFY AGAINST KYC	RUS, CHN
Known aliases	—	A. Sample, Aleks Sample
Lists	—	OFAC_SDN, PEP_SANCTIONS

How strong is the match

COMPOSITE · FUZZY MATCH

86.4%

NAME SIMILARITY
Best match · Sample, Wei

ESK IDENTITY0.0%

VECTOR SEMANTIC86.4

FUZZY PHONETIC86.4%

A high score tells you how seriously the match must be checked — it does not, on its own, prove identity. Confirm with the KYC date of birth and identity document.

LINKED RECORDS

7

LISTS TOUCHED

2

NAME VARIANTS

5

PATH TO SANCTIONED

2 steps away

This name is CONNECTED to a sanctioned party: Alex Sample → Example Trade Holdings → Sample, Wei.

Closeness to a sanctioned party raises the risk even when the name itself is not listed. The surrounding network contains 7 linked records.

OFAC_SDN

PEP_SANCTIONS

Each chip is a citation to the source registry that returned the hit. Resolution is deterministic — not a model inference.

DIAGRAM A-1 · SUBJECT NETWORK MAP



DIAGRAM A-1.1 · EXPOSURE MAP



The screened name resolves to a cluster of spelling variants that point to the same identity record on the OFAC SDN list. The strongest link runs through Example Trade Holdings, where both the screened subject and the listed entity appear as registered officers. Name similarity alone is 86.4%, but the shared corporate registration is what elevates this match above coincidence.

Sources: [C1] OFAC_SDN record SAMPLE-2934 · [C2] Example Trade Holdings officer registry

What happened in similar cases

RESOLVED PRECEDENTS

SIMILAR CASES 12	TRUE MATCHES 3	FALSE POSITIVES 9	HISTORICAL LEAN False-Positive
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#AB12CD34

False Positive

93% similar

OFAC_SDN

DOB mismatch confirmed with issuing authority

#EF56AB78

True Match

87% similar

PEP_SANCTIONS

Passport number matched the listed identity document

DIAGRAM A-2 · PRECEDENT DISPOSITION SPLIT

HOW OFFICERS DECIDED 12 SIMILAR CASES



History leans · false alarm

True match False positive

RECOMMENDED DISPOSITION

Needs Review

GUARDRAIL

Applied

HUMAN DECISION

Required

Name similarity is high and a 2-hop network path to a sanctioned entity exists, but 9 of 12 similar precedents were resolved as false positives on identity-attribute mismatches. An officer must verify the date of birth and the Example Trade Holdings officership before disposition.

GRAPH 2-hop path to OFAC_SDN entity via Example Trade Holdings (shared registration).

PRECEDENT 12 similar cases: 9 false positives, 3 true matches — lean false-positive.

POLICY Score 86.4 is above the FAIL level (85), but no date of birth or ID was supplied to corroborate it, so the verdict is capped at REVIEW.

What to do next

RECOMMENDED ACTIONS FOR THE OFFICER

- 1

Compare the customer's identity attributes against the listed record (date of birth: 1962-03-14; nationality: RUS, CHN) — attribute mismatches decided most similar cases.
- 2

Confirm or refute the network link Alex Sample → Example Trade Holdings → Sample, Wei before disposition.
- 3

Record the final decision and rationale via the governance workflow — the AI recommendation is advisory and cannot close this case.

Screening record & decision

DISPOSITION

This name has been screened 3 times; the latest run decided "REVIEW" at a score of 86.4. Every run is recorded on a tamper-evident audit chain (full run table in the Technical Annex).

DISPOSITION

Pending

ASSIGNED OFFICER

Officer A

FINAL RATIONALE

Pending analyst resolution — no rationale committed yet.

Detection matrix

ESK · VECTOR · FUZZY ENGINES



DIAGRAM B-1 · ENGINE SIGNAL CHART



Screening pipeline trace

5 STAGES EXECUTED

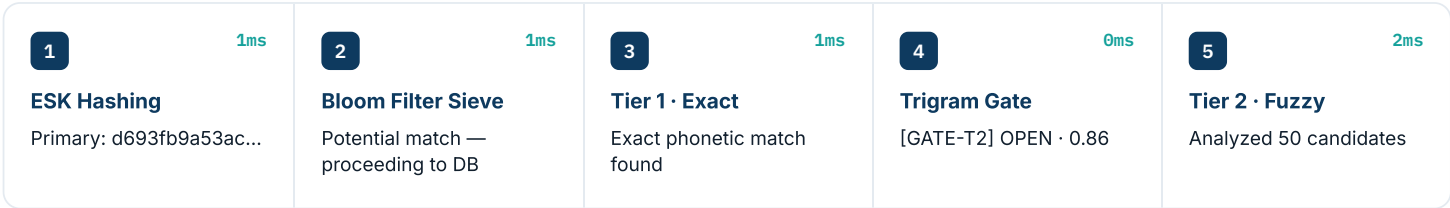
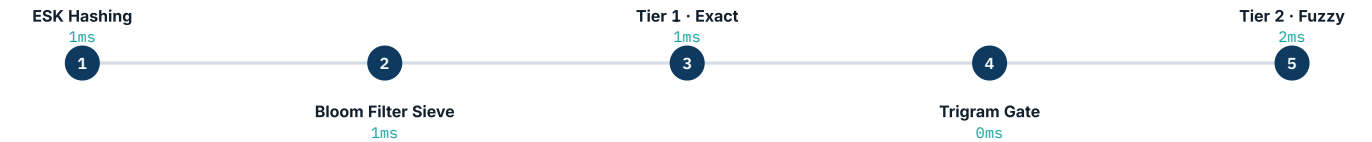


DIAGRAM B-2 · PIPELINE TIMELINE



Derived indicators & linker metrics

NOT INDEPENDENT CHECKS

PEP INDICATOR

Listed

Listed entity appears on PEP_SANCTIONS

READ BEFORE CITING

These indicators are **derived** from the composite match score and case risk level. They are **not** independent PEP or adverse-media checks and must not be cited as standalone screening results.

EDIT DISTANCE · LEVENSHTein

9 edits

CHARACTER OVERLAP

36%

READ BEFORE CITING

Raw spelling distance only. A high edit distance does not contradict a high match score — the semantic and phonetic engines recognise transliterations, aliases and re-ordered names that a plain character comparison cannot.

Network analysis findings

PER-ALGORITHM EVIDENCE

- ESK deterministic gate + pg_trgm resolution**
Compared character trigrams across the loaded list records
Found 3 high-similarity spelling variants — max 0.91.
- shortestPathToSanctioned · graph-core**
Traversed sanctions_relationships to 2 hops
Found 1 path to a sanctioned entity — 2 hops via shared registration.
- connectedComponents · graph-core**
Union-find cluster sizing
Found component of 7 records — subject is networked, not isolated.

Audit history — full chain

TAMPER-EVIDENT

#	RUN	TRIGGER	DECISION	SCORE	EXECUTED
1	F4C2A911	RETRY	REVIEW	86.4	12 Jun 2026 · 20:42
2	B81D03CE	RETRY	REVIEW	85.9	11 Jun 2026 · 12:05
3	11C8F7B2	INITIAL	REVIEW	86.4	10 Jun 2026 · 11:14

● INVESTIGATION LOG

Step 1 · exposure → 7-record component; 1 path to sanctioned entity in 2 hops via Example Trade Holdings.
Step 2 · precedent → 12 similar cases retrieved; distribution leans false-positive (9 of 12).
Step 3 · triage → Triage returns NEEDS_REVIEW with guardrail applied; human decision required.

Conclusion – The match cannot be safely cleared or confirmed automatically; identity attributes (DOB, passport) are the deciding evidence per precedent.

● PLATFORM TELEMETRY · SYSTEM STATE AT GENERATION – NOT CASE EVIDENCE

Trending screenings: "Alex Sample" (32, NEW) · "Example Trade Holdings" (6, NEW)

PENDING Sampel Persoon → Sample Person C · score 69 – MEDIUM – system

Generated by **Saolix Eagle — Explainable Compliance Intelligence**. Contents reflect the case record, screening engines and tamper-evident audit chain at the moment of generation. Triage copilot recommendations are advisory only; the final decision rests with the designated officer. Sample for demonstration.

SAOLIX TECHNOLOGIES · SAOLIX GROUP
SAMPLE · CASE #99EA6CC9
13 JUN 2026 · 03:05 · TPL V1.0.1