D1

Receiving log and vial labels

Receiving record DEMO-RCV-26-007 / 17 September 2026

> All companies, records, identifiers, methods and values in this packet are fictional. The example models document review for a teaching lab.

The lab received three vials in one shipment. The receiving technician copied the visible fields below. The stock IDs were assigned on arrival. No photograph or packing list with vial-to-lot mapping is attached.

Label field	Vial A	Vial B	Vial C
Material	TP-04 training peptide	TP-04 training peptide	TP-04 training peptide
Catalog	TP04-5	TP04-5	TP04-5
Supplier lot	DEMO-TP-041	DEMO-TP-042	Unreadable
Nominal fill	5 mg/vial	5 mg/vial	5 mg/vial
Receiving stock ID	R-241	R-242	R-243

Files received

D2 and D3 came in the supplier's shipment email. D4 arrived in a separate internal forwarding message. No submission form, sample-label photo or sample-to-lot cross-reference accompanies D4.

Decision rule for this exercise

Record a vial as documented for the exercise when its material and lot match a CoA and all three reported results meet their stated criteria. Record a hold for a result when a matched CoA has a result outside its criterion. Record a hold for traceability when the vial-to-lot link is missing. Document any outstanding follow-up separately.

These are classroom record statuses. They describe the available evidence for the exercise.

D2

Supplier certificate of analysis

Certificate DEMO-COA-041 / Revision 1

> Fictional supplier document. Created for a classroom exercise.

Field	Certificate entry
Issuer	Example Teaching Materials Unit (fictional)
Material / catalog	TP-04 training peptide / TP04-5
Supplier lot	DEMO-TP-041
Sample described	One vial selected by the issuer from lot DEMO-TP-041
Date tested / date issued	10 September 2026 / 12 September 2026

Test results

Attribute and method	Stated criterion	Reported result
Intact-mass agreement / LC-MS, deconvoluted neutral average mass	1124.10-1125.10 Da	1124.71 Da
Main peak / RP-HPLC-UV, relative integrated area	≥ 98.0 area %	98.6 area %
Peptide content / calibrated LC-UV assay against a reference standard	4.50-5.50 mg/vial	4.92 mg/vial

Main peak area uses the main integrated peak area divided by the total integrated area under this LC-UV method. The content result uses a separate calibrated assay and is reported in mg/vial.

The results apply to the described test sample. The CoA records the issuer's lot-level statement. It gives no receiving stock ID.

D3

Supplier certificate of analysis

Certificate DEMO-COA-042 / Revision 1

> Fictional supplier document. Created for a classroom exercise.

Field	Certificate entry
Issuer	Example Teaching Materials Unit (fictional)
Material / catalog	TP-04 training peptide / TP04-5
Supplier lot	DEMO-TP-042
Sample described	One vial selected by the issuer from lot DEMO-TP-042
Date tested / date issued	10 September 2026 / 12 September 2026

Test results

Attribute and method	Stated criterion	Reported result
Intact-mass agreement / LC-MS, deconvoluted neutral average mass	1124.10-1125.10 Da	1124.55 Da
Main peak / RP-HPLC-UV, relative integrated area	≥ 98.0 area %	99.2 area %
Peptide content / calibrated LC-UV assay against a reference standard	4.50-5.50 mg/vial	4.32 mg/vial

Main peak area uses the main integrated peak area divided by the total integrated area under this LC-UV method. The content result uses a separate calibrated assay and is reported in mg/vial.

The results apply to the described test sample. The CoA records the issuer's lot-level statement. It gives no receiving stock ID.

D4

External laboratory report

Report DEMO-LAB-2651 / Revision 1

> Fictional laboratory report and forwarding note. Created for a classroom exercise.

Field	Report entry
Issuer	Example Instructional Analytics (fictional)
Laboratory sample ID	DEMO-EXT-714
Submitter reference	TR-714
Received description	One vial, marked TP04-5
Supplier lot / receiving stock ID	Both fields blank
Date received / date issued	18 September 2026 / 22 September 2026

Reported observations

Attribute and method	Reported result
Intact-mass agreement / LC-MS, deconvoluted neutral average mass	1124.68 Da
Main peak / RP-HPLC-UV, relative integrated area	99.1 area %
Peptide content in mg/vial	Outside the report's test scope

The laboratory lists no acceptance criteria and gives no conformity verdict. It reports results for the received sample DEMO-EXT-714.

Internal forwarding note / 23 September 2026

"I think this might be Vial B because it came from the same delivery. Can you file it against B?"

The forwarded material includes the report alone. The note contains no contemporaneous sample mapping or label image.