Signature SIGNATURE_NewBank_20211006-1257

Validation Process for Basic Signatures (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the 'Format Checking' building block conclusive?	✓
Is the result of the 'Identification of Signing Certificate' building block conclusive?	✓
Is the result of the 'Validation Context Initialization' building block conclusive?	✓
Is the result of the 'X.509 Certificate Validation' building block conclusive?	⚠ The result of the 'X.509 Certificate Validation' building block is not conclusive!
Is the signing certificate not revoked at validation time?	✓
Is the validation time in the validity range of the signing certificate?	✓
Is the result of the 'Cryptographic Verification' building block conclusive?	✓
Is the result of the Basic Validation Process conclusive? Basic Signature Validation process failed with INDETERMINATE/NO_CERTIFICATE_CHAIN_FOUND indication	✗ The result of the Basic validation process is not conclusive!

Validation Process for Signatures with Time and Signatures with Long-Term Validation Data (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the Basic Validation Process acceptable?	✗ The result of the Basic validation process is not acceptable to continue the process!

Validation Process for Signatures with Archival Data (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the LTV validation process acceptable?	✗ The result of the LTV validation process is not acceptable to continue the process!

Signature Qualification

N/A

Is the signature/seal an acceptable AdES digital signature (ETSI EN 319 102-1)?	⚠ The signature/seal is an INDETERMINATE AdES digital signature!
Has a trusted list been reached for the certificate chain?	✗ Unable to build a certificate chain up to a trusted list!

Signature SIGNATURE_usBTcOXL7qA5-O-AF7iWye-tNAc_20211006-1258

Validation Process for Basic Signatures (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the 'Format Checking' building block conclusive?	✓
Is the result of the 'Identification of Signing Certificate' building block conclusive?	✓
Is the result of the 'Validation Context Initialization' building block conclusive?	✓
Is the result of the 'X.509 Certificate Validation' building block conclusive?	⚠ The result of the 'X.509 Certificate Validation' building block is not conclusive!
Is the signing certificate not revoked at validation time?	✓
Is the validation time in the validity range of the signing certificate?	✓
Is the result of the 'Cryptographic Verification' building block conclusive?	✓
Is the result of the Basic Validation Process conclusive? Basic Signature Validation process failed with INDETERMINATE/NO_CERTIFICATE_CHAIN_FOUND indication	✗ The result of the Basic validation process is not conclusive!

Validation Process for Signatures with Time and Signatures with Long-Term Validation Data (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the Basic Validation Process acceptable?	✗ The result of the Basic validation process is not acceptable to continue the process!

Validation Process for Signatures with Archival Data (Best signature time : 2021-10-06 11:44:27 (UTC))

INDETERMINATE - NO_CERTIFICATE_CHAIN_FOUND

Is the result of the LTV validation process acceptable?	✗ The result of the LTV validation process is not acceptable to continue the process!

Signature Qualification

N/A

Is the signature/seal an acceptable AdES digital signature (ETSI EN 319 102-1)?	⚠ The signature/seal is an INDETERMINATE AdES digital signature!
Has a trusted list been reached for the certificate chain?	✗ Unable to build a certificate chain up to a trusted list!

Basic Building Blocks

SIGNATURE - SIGNATURE_usBTcOXL7qA5-O-AF7iWye-tNAc_20211006-1258

Format Checking :

PASSED

Does the signature format correspond to an expected format?	✓
Is the signature identification not ambiguous?	✓
Is the signed references identification not ambiguous?	✓
Does the container type correspond to an expected type?	✓
Is the mimetype file present?	✓
Does the mimetype file content correspond to an expected value?	✓
Is the manifest file present (ASiC-E)?	✓
Are original data files present (outside META-INF folder)?	✓

Are all files signed? ✓

Identification of the Signing Certificate : PASSED

Is there an identified candidate for the signing certificate? ✓
Is the signed attribute: 'cert-digest' of the certificate present? ✓
Does the certificate digest value match a digest value found in the certificate reference(s)? ✓
Are the issuer distinguished name and the serial number equal? ✓

Validation Context Initialization : PASSED

Is the signature policy known? ✓

X509 Certificate Validation : NO_CERTIFICATE_CHAIN_FOUND

Can the certificate chain be built till a trust anchor? ✗
The certificate chain for signature is not trusted, it does not contain a trust anchor.

Cryptographic Verification : PASSED

Has the reference data object been found? ✓
Reference : Sig-1633517883225-CountersignedSignature
Is the reference data object intact? ✓
Reference : Sig-1633517883225-CountersignedSignature
Has the reference data object been found? ✓
Reference : Sig-1633517883225-EA-1
Is the reference data object intact? ✓
Reference : Sig-1633517883225-EA-1
Has the reference data object been found? ✓
Reference : #Sig-1633517883225-SignedProperties
Is the reference data object intact? ✓
Reference : #Sig-1633517883225-SignedProperties
Is the signature intact? ✓

Signature Acceptance Validation : PASSED

Is the structure of the signature valid? ✓
Is the signed attribute: 'signing-certificate' present? ✓
Is the signed attribute: 'signing-certificate' present only once? ✓
Does the 'Signing Certificate' attribute contain references only to the certificate chain? ✓
Is the signed qualifying property: 'signing-time' present? ✓
Is the signed qualifying property: 'message-digest' or 'SignedProperties' present? ✓
Are cryptographic constraints met for the signature creation? ✓
Signature algorithm ECDSA with SHA256 with key size 256 at validation time : 2021-10-06 11:44
Are cryptographic constraints met for the counter signature? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for counter signature with name : Sig-1633517883225-CountersignedSignature
Are cryptographic constraints met for the object reference? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for object reference with name : Sig-1633517883225-EA-1
Are cryptographic constraints met for the signed properties? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for signed properties with name : #Sig-1633517883225-SignedProperties

Basic Building Blocks

SIGNATURE - SIGNATURE_NewBank_20211006-1257

Format Checking : PASSED

Does the signature format correspond to an expected format? ✓
Is the signature identification not ambiguous? ✓
Is the signed references identification not ambiguous? ✓
Does the container type correspond to an expected type? ✓
Is the mimetype file present? ✓
Does the mimetype file content correspond to an expected value? ✓
Is the manifest file present (ASiC-E)? ✓
Are original data files present (outside META-INF folder)? ✓
Are all files signed? ✓

Identification of the Signing Certificate : PASSED

Is there an identified candidate for the signing certificate? ✓
Is the signed attribute: 'cert-digest' of the certificate present? ✓
Does the certificate digest value match a digest value found in the certificate reference(s)? ✓
Are the issuer distinguished name and the serial number equal? ✓

Validation Context Initialization : PASSED

Is the signature policy known? ✓

X509 Certificate Validation : NO_CERTIFICATE_CHAIN_FOUND

Can the certificate chain be built till a trust anchor? ✗
The certificate chain for signature is not trusted, it does not contain a trust anchor.

Cryptographic Verification : PASSED

Has the reference data object been found? ✓
Reference : Sig-1633517867104-Account_Terms_And_Conditions

Is the reference data object intact? ✓
Reference : Sig-1633517867104-Account_Terms_And_Conditions

Has the reference data object been found? ✓
Reference : Sig-1633517867104-bank-id

Is the reference data object intact? ✓
Reference : Sig-1633517867104-bank-id

Has the reference data object been found? ✓
Reference : #Sig-1633517867104-SignedProperties

Is the reference data object intact? ✓
Reference : #Sig-1633517867104-SignedProperties

Is the signature intact? ✓

Signature Acceptance Validation : PASSED

Is the structure of the signature valid? ✓

Is the signed attribute: 'signing-certificate' present? ✓

Is the signed attribute: 'signing-certificate' present only once? ✓

Does the 'Signing Certificate' attribute contain references only to the certificate chain? ✓

Is the signed qualifying property: 'signing-time' present? ✓

Is the signed qualifying property: 'message-digest' or 'SignedProperties' present? ✓

Are cryptographic constraints met for the signature creation? ✓
Signature algorithm RSA with SHA256 with key size 2048 at validation time : 2021-10-06 11:44

Are cryptographic constraints met for the object reference? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for object reference with name : Sig-1633517867104-Account_Terms_And_Conditions

Are cryptographic constraints met for the object reference? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for object reference with name : Sig-1633517867104-bank-id

Are cryptographic constraints met for the signed properties? ✓
Digest algorithm SHA256 at validation time : 2021-10-06 11:44 for signed properties with name : #Sig-1633517867104-SignedProperties