

Signature S-BD9419FF1ED8E8ADF4E68836B3C17F15EA96609EE000CBA46E8E8D3BEDBE9C2C

Validation Process for Basic Signatures

INDETERMINATE -
NO_CERTIFICATE_CHAIN_FOUND

Is the result of the Basic Validation Process conclusive?

✘

Signature Qualification

N/A

Is the signature/seal an acceptable AdES digital signature (ETSI EN 319 102-1)?

!

Has a trusted list been reached for the certificate chain?

✘

Signature S-AB377A81A790B66B17EC485C7B94D96B12336F989DD307E96A3377A9C5E4D96B

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Basic Building Blocks

SIGNATURE - S-BD9419FF1ED8E8ADF4E68836B3C17F15EA96609EE000CBA46E8E8D3BEDBE9C2C

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: 'signing-certificate' present?

✓

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

✓

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?

✘

Cryptographic Verification :

PASSED

Has the reference data object been found?

✓

Is the reference data object intact?

✓

Has the reference data object been found?

✓

Is the reference data object intact?

✓

Has the reference data object been found?

✓

Is the reference data object intact?

✓

Is the signature intact?

✓

Signature Acceptance Validation :

PASSED

Is the structure of the signature valid?

✓

Does Signing Certificate attribute contains 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?

✓

Are cryptographic constraints met for the object reference?

✓

Are cryptographic constraints met for the object reference?

✓

Are cryptographic constraints met for the signed properties?

✓

Basic Building Blocks

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Format Checking :

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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: 'signing-certificate' present?	✓
Is the signed attribute: 'signing-certificate' present only once?	✓
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?	✗
Cryptographic Verification :	PASSED
Has the reference data object been found?	✓
Is the reference data object intact?	✓
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Has the reference data object been found?	✓
Is the reference data object intact?	✓
Is the signature intact?	✓
Signature Acceptance Validation :	PASSED
Is the structure of the signature valid?	✓
Does Signing Certificate attribute contains 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?	✓
Are cryptographic constraints met for the counter signature?	✓
Are cryptographic constraints met for the object reference?	✓
Are cryptographic constraints met for the signed properties?	✓