# Validate a limit order

There is the possibility to check limit order validity. For example, you can check that a limit order is valid by predicates.

## LimitOrderProtocolFacade.simulate

LimitOrderProtocolFacade . simulate ( targetAddress :

string , calldata :

string ) Under the hood:

On asimulate() call, the contract reverts witherror SimulationResults(bool success, bytes res)

Wheresuccess indicates that call doesn't revers, andres is a function call result.

## LimitOrderProtocolFacade.checkPredicate

LimitOrderProtocolFacade . checkPredicate ( order : LimitOrder ) More lightweight version, onlypredicate field is required in order structure.

## Example:

```
import Web3 from

'web3' ; import

{ LimitOrderProtocolFacade , LimitOrder , Web3ProviderConnector }

from

'@1inch/limit-order-protocol-utils' ;

const contractAddress = limirOrderProtocolAdresses [ chainId ] ; const order : LimitOrder =

{ ... } ;

const connector =

new

Web3ProviderConnector ( new

Web3 ( '...' ) ) ; const limitOrderProtocolFacade =

new

LimitOrderProtocolFacade ( contractAddress , chainId , connector ) ;

const

{ success :

boolean , rawResult :

string , }

=

await limitOrderProtocolFacade . simulate ( contractAddress , order . predicate ) ; console . log ( 'Order validity: ' , success )
;

const predicateValidity :

boolean
```

= limitOrderProtocolFacade . checkPredicate ( order ) ; console . log ( 'Predicate validity: ' , predicateValidity )Edit this page Previous Limit order remaining Next Interaction receiver