```
||INPUT ||LALR ||LISTS ||CHAIN
||TABLE1
        id
        num
        lnum
        sr
        char

        ,
        ;
        ..
        ←
        +
        -
        *
        /
        ↑
        .
        @
        !
        $
        %

        INTEGER
        CARDINAL
        CHARACTER
        BOOLEAN
        STRING
        UNSPECIFIED

        MOD
        DESCRIPTOR
        BASE
        LENGTH
        SIZE
        MEMORY

        )
        ]

        (
        [

        EOF
||TABLE2
        goal
        typespec
        typeid
        typeconstruct
        stmtlist
        stmt
        exp
        sum
        addop
        product
        multop
        factor
        primary
        builtincall
        typeop
        lhs
        qualifier
        interval
        explist
||TABLE3
goal              ::=0    stmtlist
stmtlist                  ::=1     stmt
                  |2      stmtlist ; stmt
stmt              ::=3     exp
                  |4      lhs ← exp
exp               ::=5     sum
sum               ::=20    product
                  |21     sum addop product
addop             ::=22    +
                  |23     -
product           ::=24    factor
```

```
                          |25   product multop factor
multop          ::=26   *
                          |27   /
                          |28   MOD
factor          ::=30   primary
                          |31   - primary
primary         ::=40   lhs
                          |41   ( exp )
                          |43   builtincall
                          |44   @ lhs
builtincall     ::=50   LENGTH [ lhs ]
                          |51   BASE [ lhs ]
                          |52   DESCRIPTOR [ exp ]
                          |53   DESCRIPTOR [ exp , exp ]
                          |54   typeop [ typespec ]
typeop          ::=65   SIZE
lhs             ::=71   id
                          |72   num
                          |73   lnum
                          |74   char
                          |75   sr
                          |76   ( exp ) qualifier
                          |77   lhs qualifier
                          |80   MEMORY [ interval ]
                          |81   MEMORY [ exp ]
                          |83   id $ id
                          |84   num $ id
qualifier       ::=90   . id
                          |91   ↑
                          |92   %
                          |93   % typespec
                          |94   [ explist ]
                          |95   [ interval ]
typespec              ::=105  typeid
                          |107  typeconstruct
typeid          ::=110  INTEGER
                          |111  CARDINAL
                          |112  CHARACTER
                          |113  BOOLEAN
                          |114  STRING
                          |115  UNSPECIFIED
                          |116  id $ id
                          |119  id
                          |120  id typeid
typeconstruct   ::=125  @ typespec
explist         ::=140  exp
                          |141  explist , exp
                          |142
interval              ::=143  exp .. exp
                          |144  exp l exp
```