

Technical specification	
Company Neichar BIORUŽA, s. r. o.	Rose buds / dry, whole /

I. Description:

The drug Rose buds dry is dried flowers of the Botanical species *Rosa damascea*, collected in the initial phase of flowering, after the sepals have split, but before the petals have unfurled.

II. Quality and hygiene indicators

Indicators	Characteristics and norms
1) Appearance	- Whole dried buds, with whole or slightly crushed apical lobes of sepals preserved
2) Dimensions	From 1.5 ÷ 4 cm.
3) Color	With preserved natural, from pink to red on the petals and green on the sepals
4) Smell	Characteristic, typical
4.1 Impurities: 1) Organic: - other parts of the plant: - parts of other plants: b) Living and non-living: insects, rodent and bird pollution 2) Inorganic:	- petals, parts of leaves and petioles: not more than 0.5% - Not allowed - Not allowed - Not allowed
5) Moisture content	- Max 10%
6) Expiry date	- 12 months
7) Testing and sampling methods: 1) Samples 2) Moisture 3) Impurities 4) General ash	
8) Packaging and marking: Warehouse packaging	- Polyethylene transparent and black bags - Three-layer book bags
9) Marking: /Or according to customer requirements/ - Product's name- Година на производство - Произход(държава) - Условия и срок за съхранение - Нетно количество - Lot	

III. Technological process

It includes the following stages:

1) Receiving, grading and sorting:

Note:

Only fresh rosebuds picked the same day, which are not wet from dew or rain, are accepted for drying.

Wet or steamed buds are not accepted for drying.

2) Cooling /if necessary/ and purification from leaves and stems

3) Loading in chamber dryer on frames

4) Drying

5) Additional drying in a chamber dryer

6) Manual purification and sorting

7) Batch reconciliation

8) Tempering before packing

9) Packaging and labeling

10) Storage

Note:

- The /actual/ drying process lasts $26 \div 32$ hours.

- The process of until drying lasts $10 \div 16$ hours.

- The tempering process before packaging is up to 1 hour.

The entire drying cycle is $36 \div 48$ hours when drying rose buds collected in dry weather, under the following climatic conditions: dry and warm weather.

IV. Process flow diagram

1st cycle: according to the signs

2nd cycle: according to the signposts

V. Technological equipment and materials

1) Chamber drying installation

2) Drying racks

3) Workshop with technological floor

4) Warehouse with electronic scales

5) Materials:

- Polyethylene bags

- Three-ply paper sacks

VI. Production of organic color:

Organic flowers and buds are prepared from certified plantations on request.

With a control body chosen by the contracting authority, the dryer's certification is at his expense

The preparation of technological documentation for the drying process is prepared by the contractor.

VII. Staff and managers

The process has a continuous cycle and lasts up to 2 days.

The organization includes a 3-shift mode of work per day /3 shifts/

- For a chamber dryer: 2 operators for 1 day
- For manipulations:
 - when receiving and sorting: 2 workers for every 100 kg of buds
 - for sorting and cleaning: 2 cups for every 100 kg of buds
 - for package: 3 workers

Responsible:

- Quality manager and drying technologist: 1
- Responsible for hygiene, equipment and documentation: 1

VIII. Documentation

- Log of received raw materials
- Journal of detected non-conformities and complaints

Instructions:

- To maintain personal hygiene and workplace hygiene
- For actions in case of deviation from the technology or contamination