

Technical specification	
Company BIORUŽA, s. r. o.	Oil pink color /dry, whole /

I. Description: Dried rose flowers represent dried flowers from the botanical species *Rosa damascena*.

II. Quality and hygiene indicators

Indicators	Characteristics and standards
1) Appearance	- Whole or slightly crushed dried flowers - Other parts of the plant: leaves, stems: no more than 0.5%
2) Dimensions	From 1.5 ÷ 4 cm.
3) Color	natural, from pink to red
4) Smell	Characteristic, typical
4. 1 Impurities: 1) Organic: parts of other plants: 2) Inorganic: a) Non-mineral b) Animate and inanimate: pollution by insects, rodents and birds	- Not allowed - Not allowed
5) Moisture content	- Max 10%
6) Use by date	- 18 months
7) Testing and sampling methods: 1) Samples 2) Humidity 3) Impurities 4) General ash	
8) Packaging and labeling: Stock packaging	- Polyethylene black bags - Three-layer book pockets
9) Marking: /Or according to customer requirements/ - Product name - Storage conditions - Net amount	

III. Technological process

It includes the following stages:

1) Admission, qualification and classification:

Note:

Only fresh rose flowers picked on the same day, not wet from dew or rain, are accepted for drying.

Wet or steamed flowers, as well as overgrown flowers for drying, are not suitable.

- 2) Cooling /if necessary/
- 3) Insertion into belt dryer
- 4) Drying
- 5) Additional drying in a chamber dryer
- 6) Manual cleaning and sorting
- 7) Batch approval
- 8) Tempering before packaging
- 9) Packaging and labeling
- 10) Storage

Note:

- the /real/ drying process takes 36 ÷ 42 hours.
- The drying process takes 10 ÷ 16 hours.
- The tempering process before packaging is 6 ÷ 8 hours.
- The entire drying cycle is from 52 to 64 hours when drying a picked rose flower dry weather, under current climatic conditions /dry and warm weather/.

V. Technological equipment and materials

- 1) Belt dryer:
 - Usable area 210m²
 - ton = 50 kW/hour; diesel = 35 l/h average consumption
 - 2) Chamber dryer, wood boiler 8m³
 - 3) Workshop with technological floor and drying frames
 - 4) Warehouse with electronic scales
 - 5) Materials:
 - Polyethylene bags
 - Three-layer paper bags
- 1) To get 1 ton of dry paint you need:
 - 2) Fresh flower: 8,000 kg.
 - 3) Oil: 2,500 l.
 - 4) Wood: 8 m³
 - 5) Current: 800 BGN

VI. Production of organic paint:

Organic paint is prepared on request from certified plantations.

VI. Employees and managers

The process has a continuous cycle and takes 5 ÷ 6 days to obtain 1 ton.

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

- For belt dryer: 2 operators per shift, i.e. 6 for 1 day.
 - For the camera 2 operators for 1 day
 - For handling:
 - during reception and sorting: 2
 - for sorting and cleaning: 5-8 workers
 - for the package: 3 workers
- Responsible:
- Drying technologist: 1
 - Responsible equipment: 1
 - Responsibility for quality, hygiene and documentation: 1

VIII. Documentation

- Journal of received raw materials
- The diary returned pink color
- Log of detected discrepancies

IX. Instructions:

- Observe personal hygiene and workplace hygiene
- Observe safety at work
- Fire department available
- Follow instructions for measures in case of deviation from technology or contamination