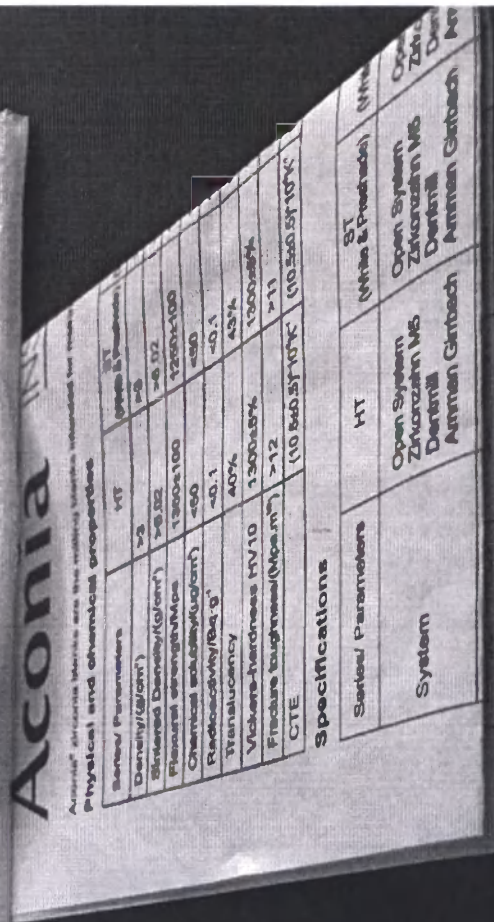
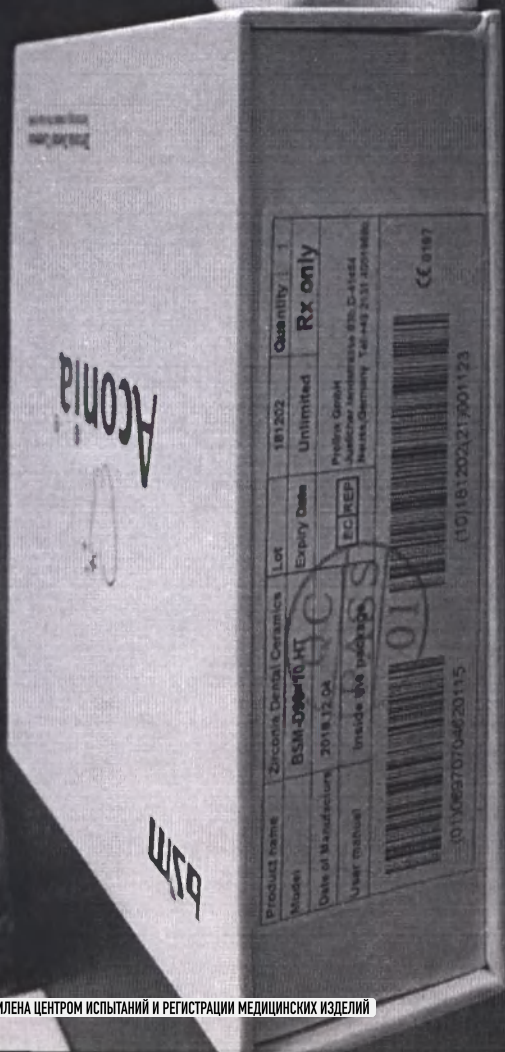




Aconia

Aconia® dental ceramics are the registered trademark of Aconia Dental GmbH.

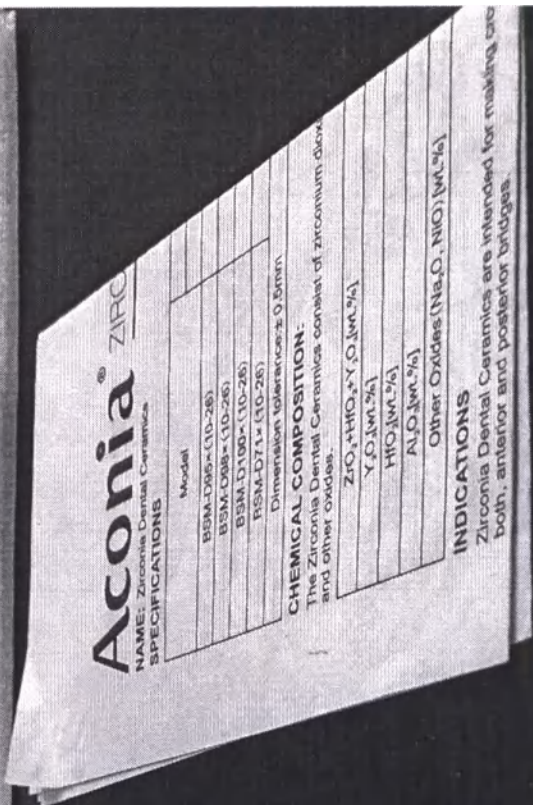
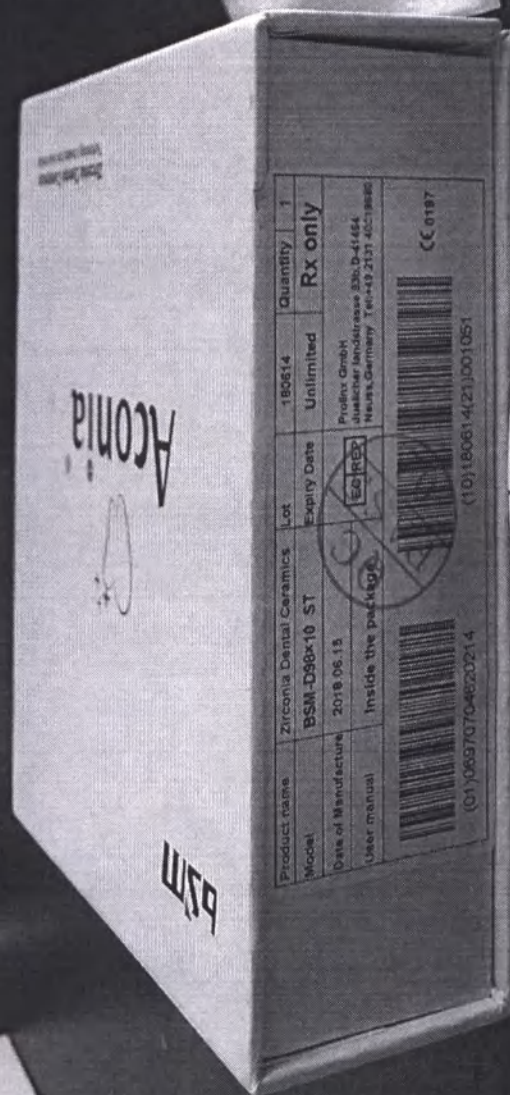
Physical and chemical properties

| Serial Parameters                         | HT                                            | Open System                                   |
|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Density/(g/cm <sup>3</sup> )              | >3                                            | >3                                            |
| Strained Density/(g/cm <sup>3</sup> )     | >9.92                                         | >9.92                                         |
| Flexural strength/MPa                     | 1300<100                                      | 1200<100                                      |
| Chemical stability/(ug/cm <sup>2</sup> )  | <60                                           | <60                                           |
| Radioactivity/Bq g <sup>-1</sup>          | <0.1                                          | <0.1                                          |
| Translucency                              | 40%                                           | 43%                                           |
| Vickers hardness HV10                     | 1300<15%                                      | 1300<15%                                      |
| Fracture toughness(MPa.m <sup>1/2</sup> ) | >12                                           | >11                                           |
| CTE                                       | (10 540.57 10 <sup>-6</sup> K <sup>-1</sup> ) | (10 540.57 10 <sup>-6</sup> K <sup>-1</sup> ) |

Specifications

| Serial Parameters | HT                                                       | ST                                                       |
|-------------------|----------------------------------------------------------|----------------------------------------------------------|
| System            | Open System<br>Zirkon Zahn M6<br>Dental<br>Annen Garbach | Open System<br>Zirkon Zahn M6<br>Dental<br>Annen Garbach |

Диск HT



Диск ST

Диск ST-presshade

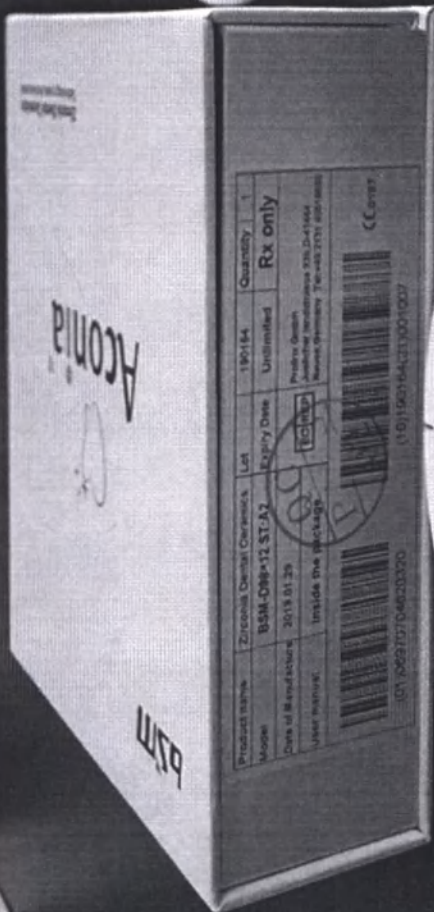


INSTRUCTION FOR USE

HT / SY / SHY / TT / TT-MAL / SHY-MAL

| SHY<br>(mm or Percent inch) | T               | T-1/4           | SHY-4/4         |
|-----------------------------|-----------------|-----------------|-----------------|
| 0                           | >3              | >3              | >3              |
| 0.02                        | >0.02           | >0.02           | >0.02           |
| 100±100                     | 800±100         | 600±900         | 500±100         |
| 50                          | <50             | <50             | <50             |
| 0.1                         | <0.1            | <0.1            | <0.1            |
| 0.5                         | 40%             | 43%±48%         | 43%±48%         |
| 100±5%                      | 1300±5%         | 1300±5%         | 1300±5%         |
| 0                           | >0              | >0              | >0              |
| 0.550.57°10°K               | (10.540.57°10°K | (10.540.57°10°K | (10.540.57°10°K |

| SHT & Presht (side)                             | TT                                                         | TT-ML                                                      | SHT-ML                                                       |
|-------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|
| System Zirkonzahn M5<br>Diermüll<br>in Gierbach | Open System<br>Zirkonzahn M5<br>Diermüll<br>Amman Gierbach | Open System<br>Zirkonzahn M5<br>Diermüll<br>Amman Gierbach | Open System<br>Zirkonzahn M5<br>Diermüll<br>Bertoni Gierbach |



Диск SHT

**Aconia**

BSM

|                     |                          |             |                                                                                         |          |   |
|---------------------|--------------------------|-------------|-----------------------------------------------------------------------------------------|----------|---|
| Product name        | Zirconia Dental Ceramics | Lot         | 180615                                                                                  | Quantity | 1 |
| Model               | BSM-D98x10 SHT           | Supply Date | Unlimited                                                                               | Rx only  |   |
| Date of Manufacture | 2018.06.15               | EC REP      | ProDent GmbH<br>Jülicher Landstrasse 85a-85d<br>Niedel, Germany Tel: +49 2171 1451 0000 |          |   |
| User manual         | Inside the package       |             |                                                                                         |          |   |

(01)06670704620719

CE 0197

**BSM**

**Aconia**

Technology creates the best smile

**SHT** FDA CFDA CE 0197

SHT 98x10 1,243 20180615

**Aconia**® ZPC

NAME: Zirconia Dental Ceramics

**SPECIFICATIONS**

|                     |         |
|---------------------|---------|
| Model               |         |
| BSM-D98x (10-28)    |         |
| BSM-D98x (10-28)    |         |
| BSM-D100x (10-28)   |         |
| BSM-D71x (10-28)    |         |
| Dimension tolerance | ± 0.5mm |

**CHEMICAL COMPOSITION:**  
The Zirconia Dental Ceramics consist of zirconium dioxide and other oxides.

|                                                             |  |
|-------------------------------------------------------------|--|
| ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O (wt.%) |  |
| Y <sub>2</sub> O (wt.%)                                     |  |
| HfO <sub>2</sub> (wt.%)                                     |  |
| Al <sub>2</sub> O <sub>3</sub> (wt.%)                       |  |
| Other Oxides (Na <sub>2</sub> O, NiO) (wt.%)                |  |

**INDICATIONS**  
Zirconia Dental Ceramics are intended for making both, anterior and posterior bridges.



# Aconia®

Aconia® SHT-ML Multilayer is the leading ceramic material for dental applications.

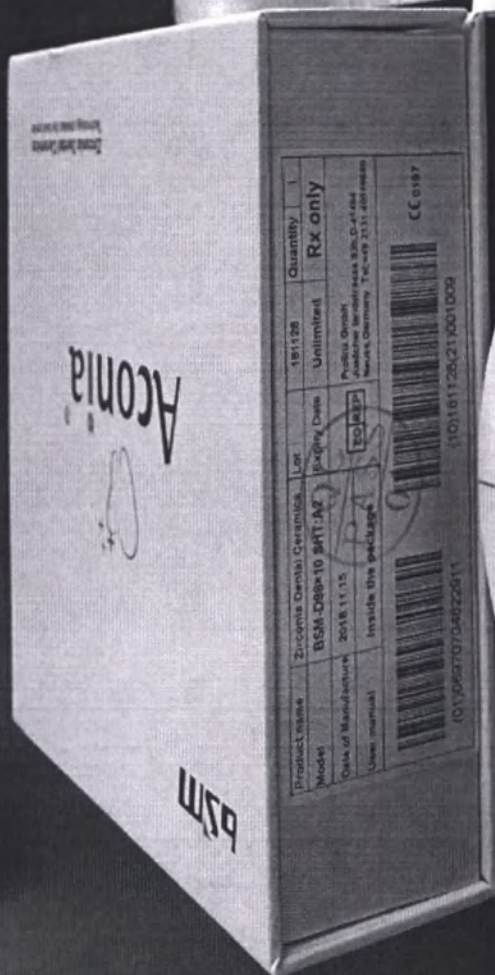
## Physical and chemical properties

| Series/ Parameters            | HT                | ST                |
|-------------------------------|-------------------|-------------------|
| Density (g/cm³)               | >3                | >3                |
| Sintered Density (g/cm³)      | >8.02             | >8.02             |
| Flexural strength (MPa)       | 1350±100          | 1250±100          |
| Chemical solubility (µg/cm²)  | <50               | <50               |
| Radioactivity (Bq/g)          | <0.1              | <0.1              |
| Translucency                  | 40%               | 45%               |
| Vickers hardness HV10         | 1300±5%           | 1300±5%           |
| Fracture toughness (MPa·m¹/²) | >12               | >11               |
| CTE                           | (10.5±0.5)·10⁻⁶/K | (10.5±0.5)·10⁻⁶/K |

## Specifications

| Series/ Parameters | HT                                                        | ST                                                        |
|--------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| System             | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Gimbach | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Gimbach |

Диск SHTML



# Aconia® INS

Aconia® zirconia blanks are the milling blanks intended for milling.

## Physical and chemical properties

| Series/ Parameters                         | HT                              | ST (White & Preshade)           |
|--------------------------------------------|---------------------------------|---------------------------------|
| Density/(g/cm <sup>3</sup> )               | >3                              | >3                              |
| Sintered Density/(g/cm <sup>3</sup> )      | >6.02                           | >6.02                           |
| Flexural strength/MPa                      | 1350±100                        | 1250±100                        |
| Chemical solubility/(μg/cm <sup>2</sup> )  | <50                             | <50                             |
| Radioactivity/Bq·g                         | <0.1                            | <0.1                            |
| Translucency                               | 40%                             | 43%                             |
| Vickers-hardness HV10                      | 1300±5%                         | 1300±5%                         |
| Fracture toughness/(MPa·m <sup>1/2</sup> ) | >12                             | >11                             |
| CTE                                        | (10.5±0.5)·10 <sup>-6</sup> /°C | (10.5±0.5)·10 <sup>-6</sup> /°C |

## Specifications

| Series/ Parameters | HT                                                        | ST (White & Preshade)                                     | ST (White)                                                |
|--------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| System             | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Garbach | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Garbach | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Garbach |



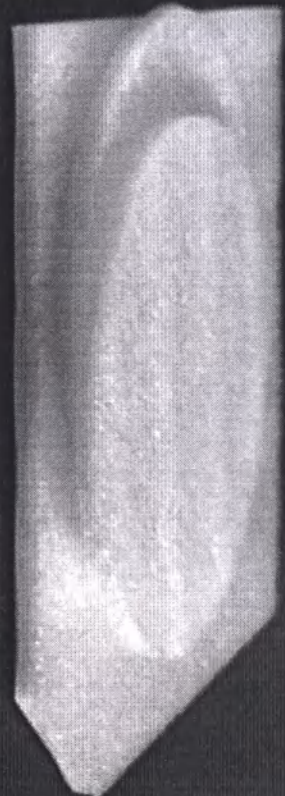
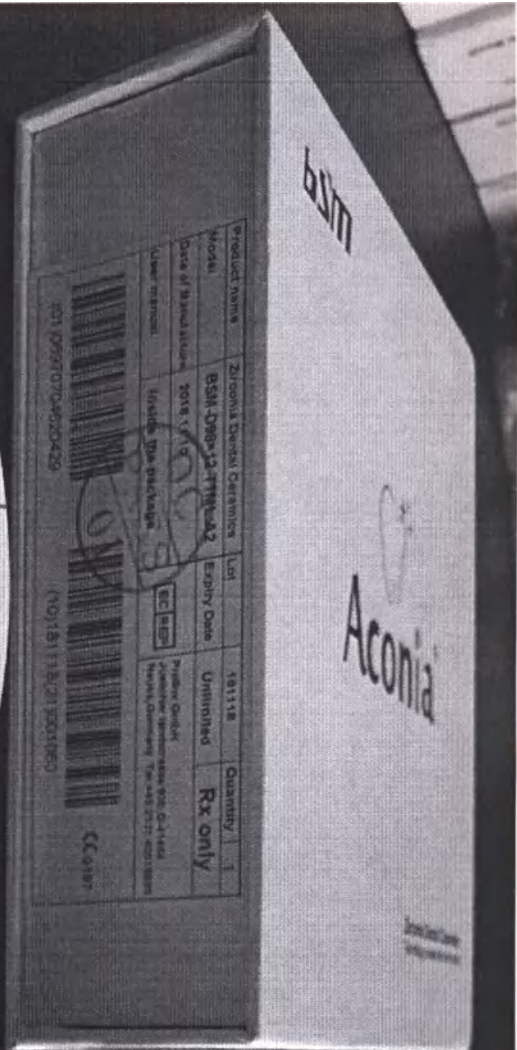
**Aconia® ZIRO**  
NAME: Zirconia Dental Ceramics  
SPECIFICATIONS

| Model                          |
|--------------------------------|
| BSM-D06* (10-26)               |
| BSM-D08* (10-26)               |
| BSM-D100* (10-26)              |
| BSM-D71* (10-26)               |
| Dimensional tolerance: ± 0.5mm |

**CHEMICAL COMPOSITION:**  
The Zirconia Dental Ceramics consist of zirconium dioxide and other oxides.

|                                                             |
|-------------------------------------------------------------|
| ZrO <sub>2</sub> +HfO <sub>2</sub> +Y <sub>2</sub> O (wt.%) |
| Y <sub>2</sub> O (wt.%)                                     |
| HfO <sub>2</sub> (wt.%)                                     |
| Al <sub>2</sub> O <sub>3</sub> (wt.%)                       |
| Other Oxides (Na <sub>2</sub> O, NiO) (wt.%)                |

**INDICATIONS**  
Zirconia Dental Ceramics are intended for making crowns both, anterior and posterior teeth.



## Aconia<sup>®</sup> INC

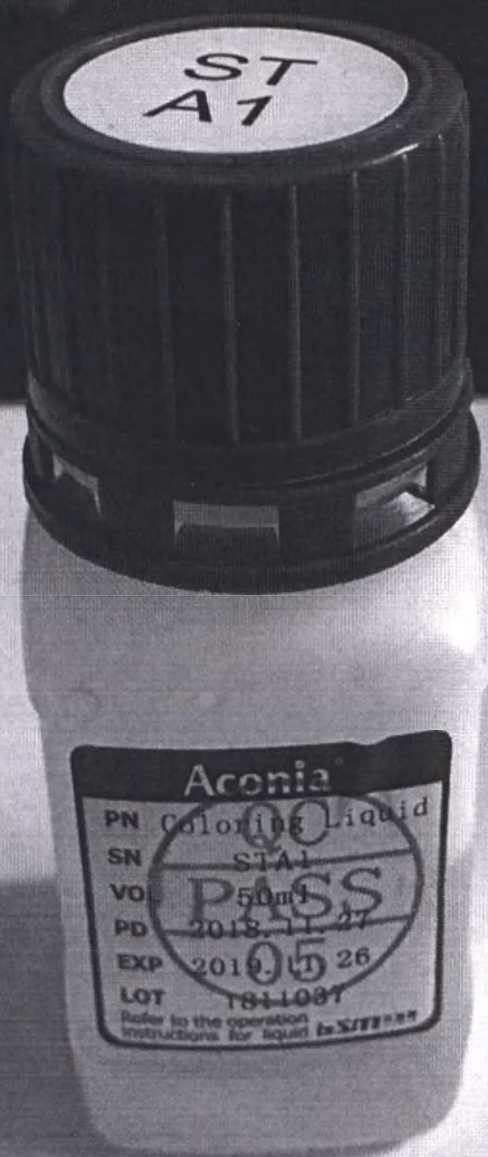
Aconia<sup>®</sup> zirconia ceramics are the rolling stone's best friend for modern Physical and chemical properties

| Series/ Parameters                         | HT                                          | ST (White & Presedged)                      |
|--------------------------------------------|---------------------------------------------|---------------------------------------------|
| Density/(g/cm <sup>3</sup> )               | >3                                          | >3                                          |
| Sintered Density/(g/cm <sup>3</sup> )      | >6.02                                       | >6.02                                       |
| Flexural strength/(Mpa)                    | 1350±100                                    | 1250±100                                    |
| Chemical solubility/(µg/cm <sup>2</sup> )  | <50                                         | <50                                         |
| Radioactivity/Bq g <sup>-1</sup>           | <0.1                                        | <0.1                                        |
| Translucency                               | 40%                                         | 43%                                         |
| Vickers-hardness HV10                      | 1300±5%                                     | 1300±5%                                     |
| Fracture toughness/(Mpa.m <sup>1/2</sup> ) | >12                                         | >11                                         |
| CTE                                        | (10.540.5) 10 <sup>-6</sup> K <sup>-1</sup> | (10.540.5) 10 <sup>-6</sup> K <sup>-1</sup> |

### Specifications

| Series/ Parameters | HT                                                        | ST (White & Presedged)                                    | ST (White & Presedged)                                    |
|--------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| System             | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Gimbach | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Gimbach | Open System<br>Zirkonzahn M5<br>Dentmill<br>Amman Gimbach |

Disk TTML

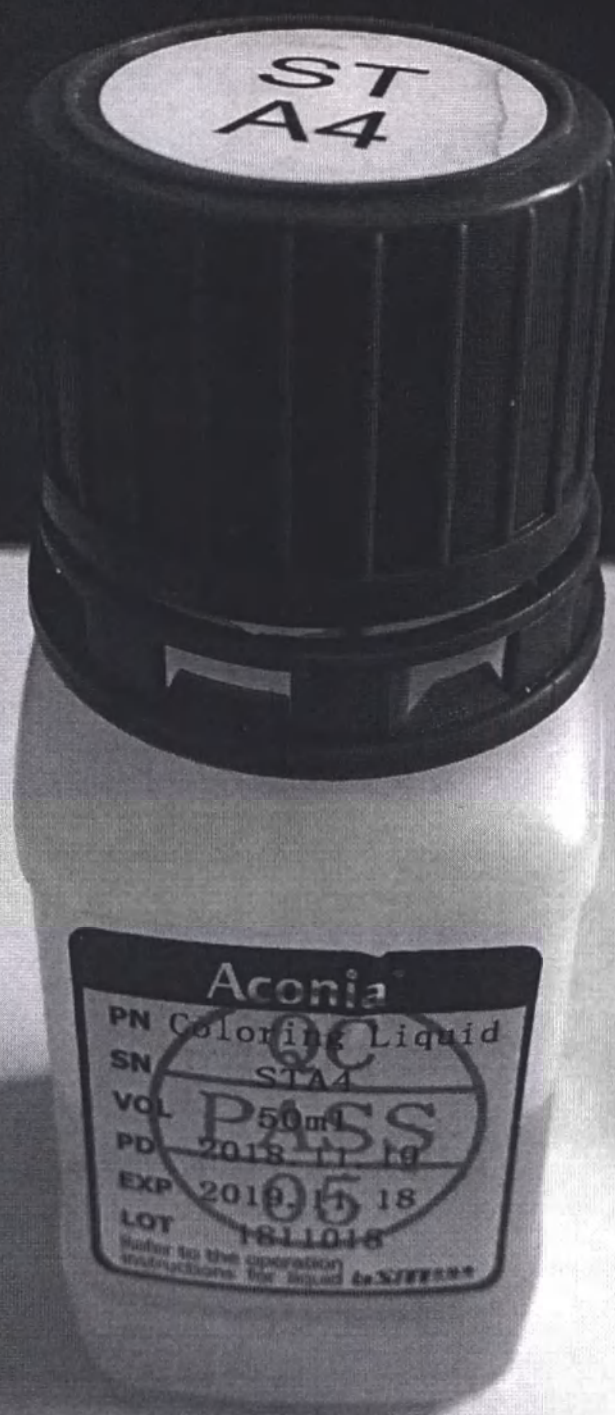




Окрашивающая жидкость А3









Окрашивающая жидкость В2







Окрашивающая жидкость C1











Окрашивающая жидкость D3



Окрашивающая жидкость D4





Окрашивающая жидкость 1M2



Окрашивающая жидкость 2L1.5

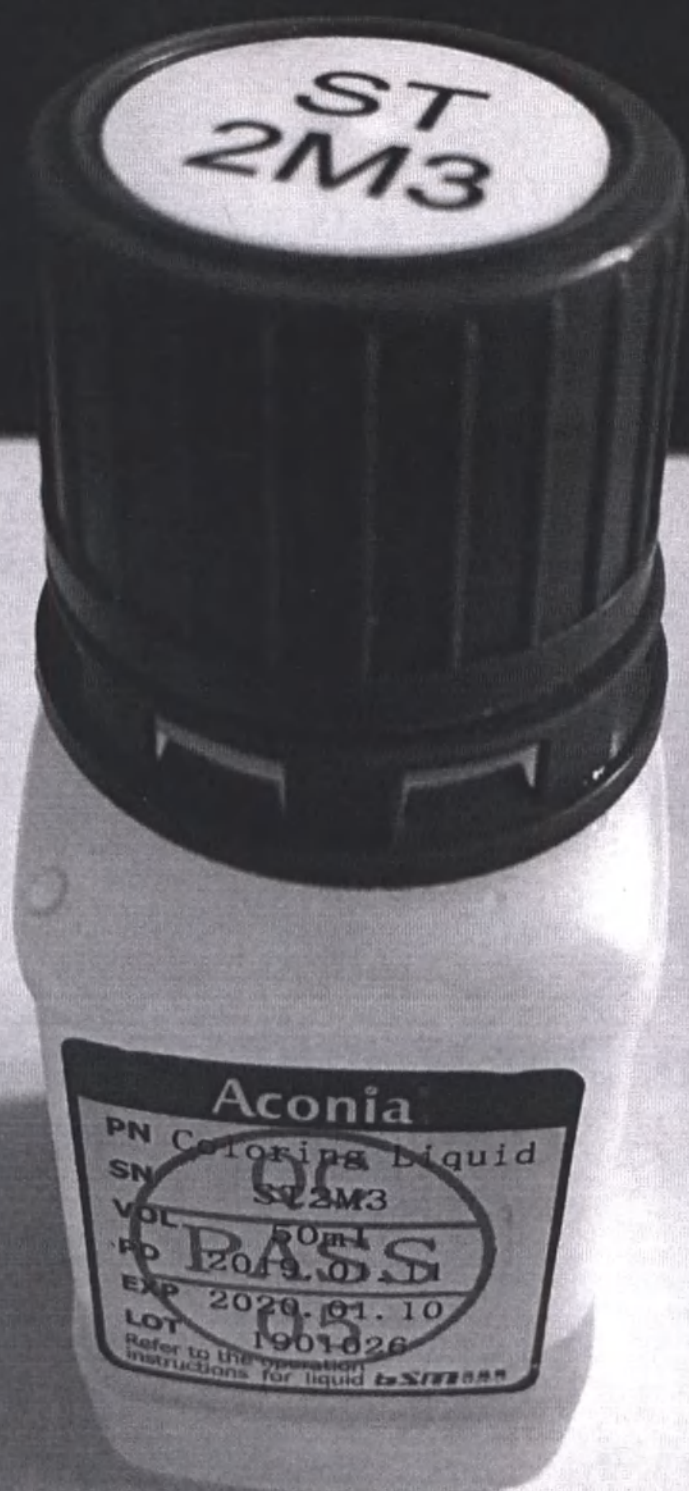


Окрашивающая жидкость 2L2.5









Окрашивающая жидкость 2R1.5





Окрашивающая жидкость 3L1.5

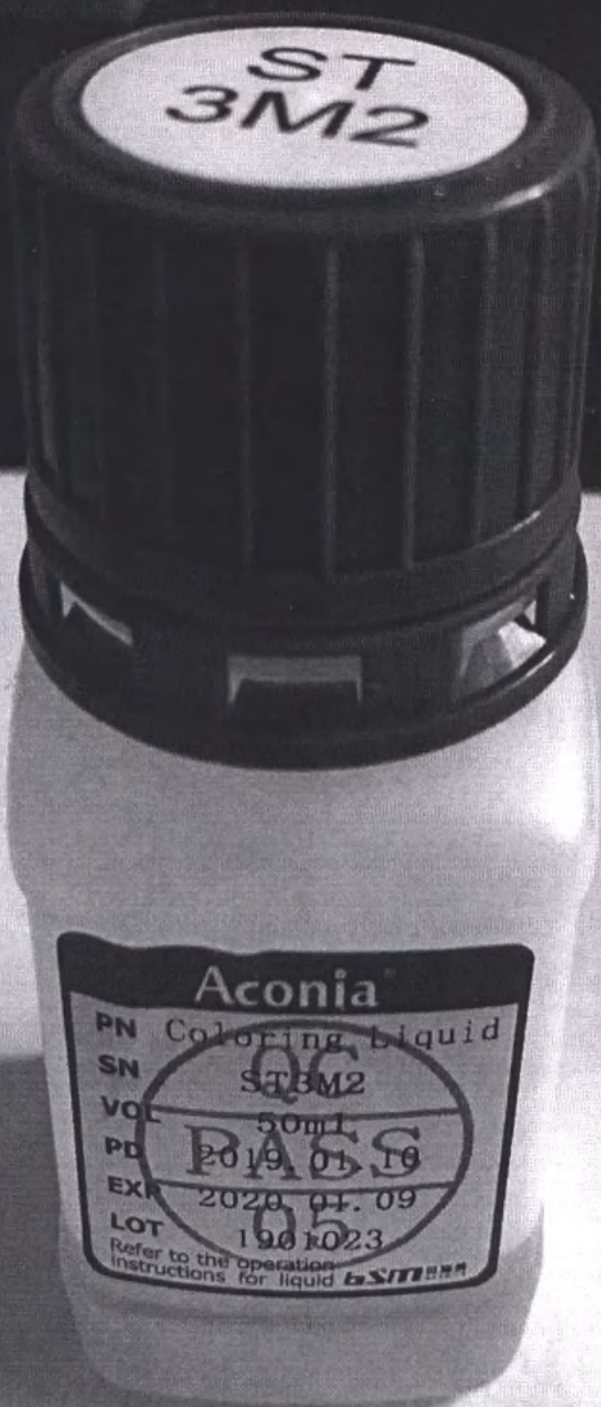


Окрашивающая жидкость 3L2.5





Окрашивающая жидкость 3М2



Окрашивающая жидкость 3М3



Окрашивающая жидкость 3R1.5

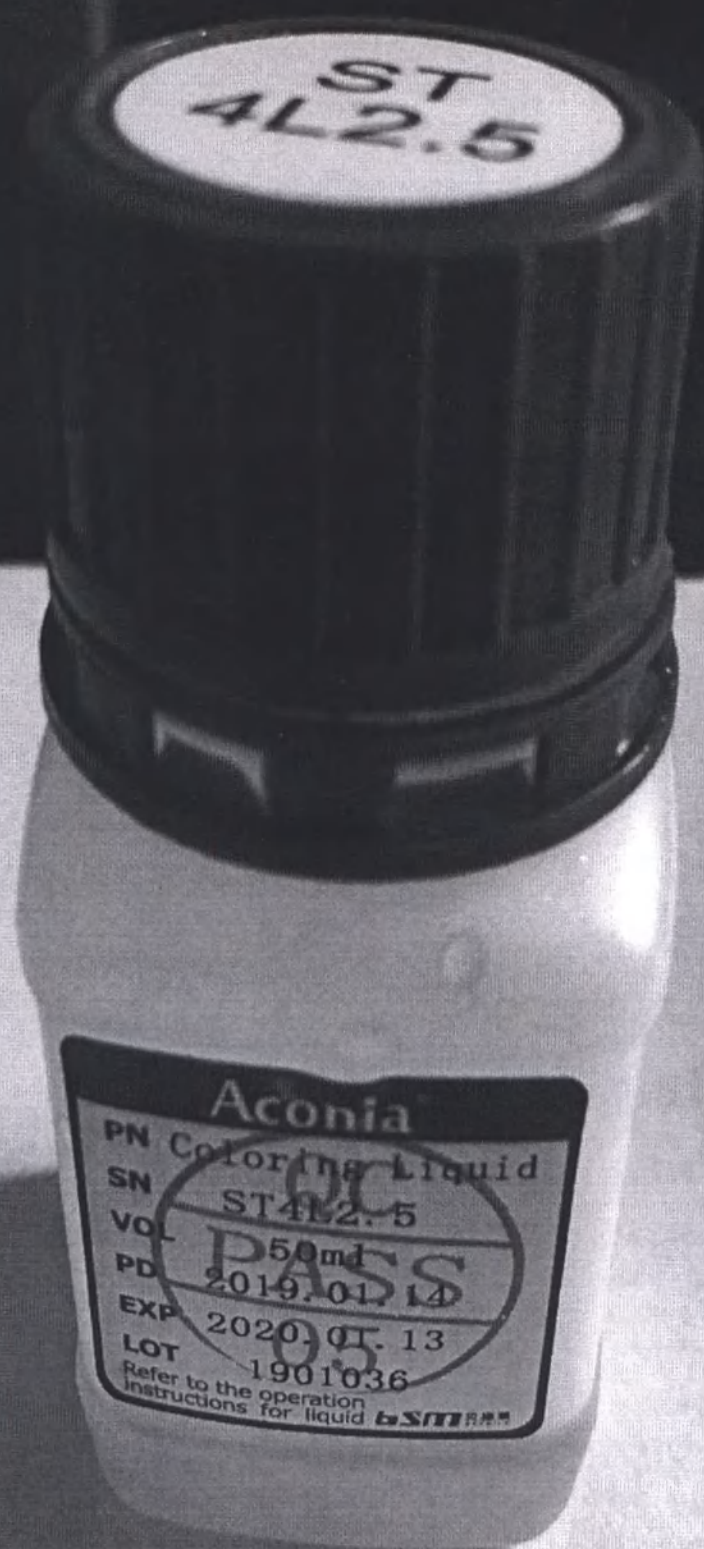


Окрашивающая жидкость 3R2.5





Окрашивающая жидкость 4L2.5



Окрашивающая жидкость 4M1



Окрашивающая жидкость 4M2



Окрашивающая жидкость 4М3



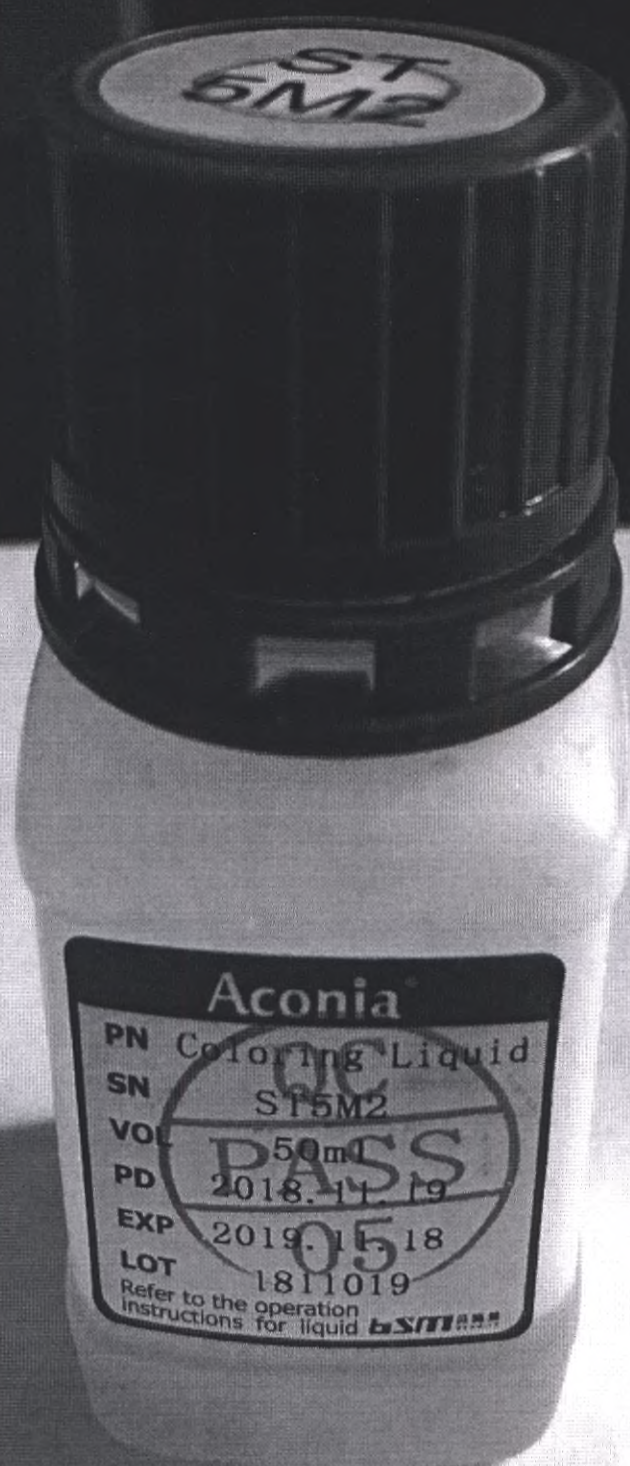




Окрашивающая жидкость 5M1



Окрашивающая жидкость 5M2



Окрашивающая жидкость 5М3





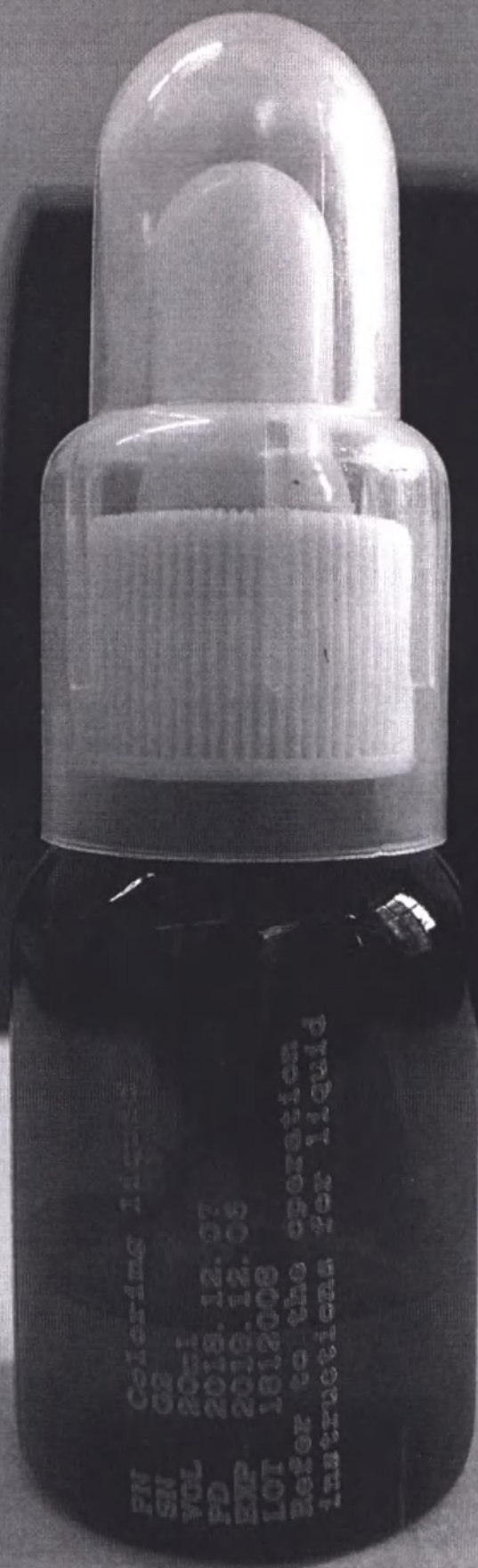


Окрашивающая жидкость ОЗ



Printed Liquid  
Lot 201801  
Exp 12/20  
Vol 12.07  
SN 201801  
MS 201801  
Refer to the operation  
instructions for liquid

Окрашивающая жидкость G2



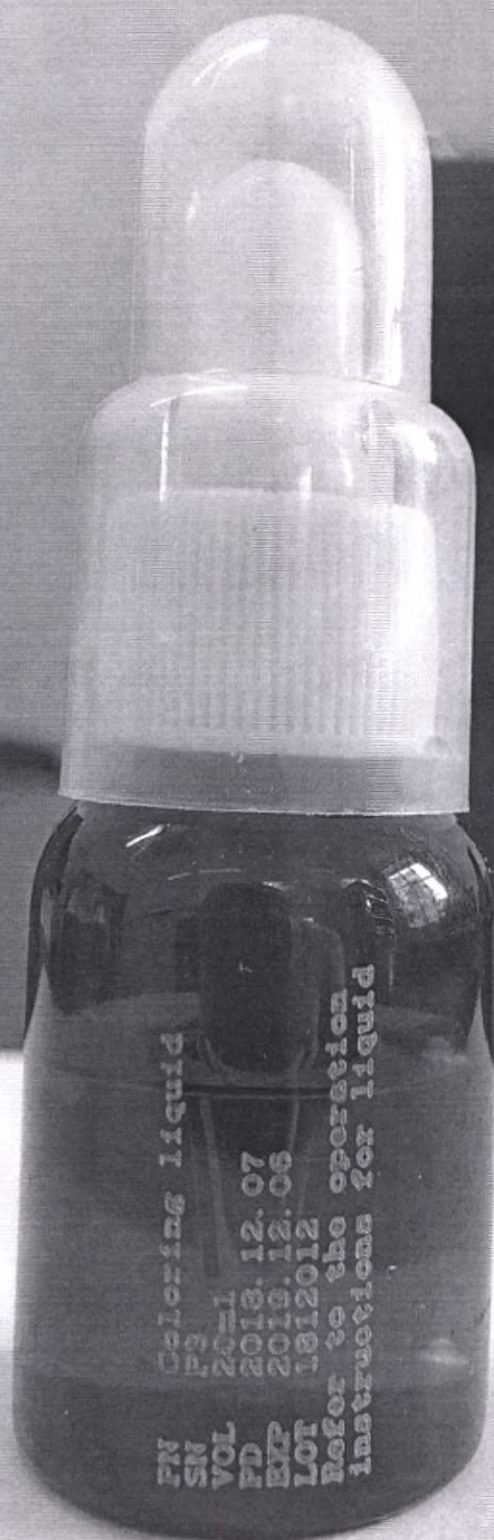
Окрашивающая жидкость G3



Окрашивающая жидкость P1



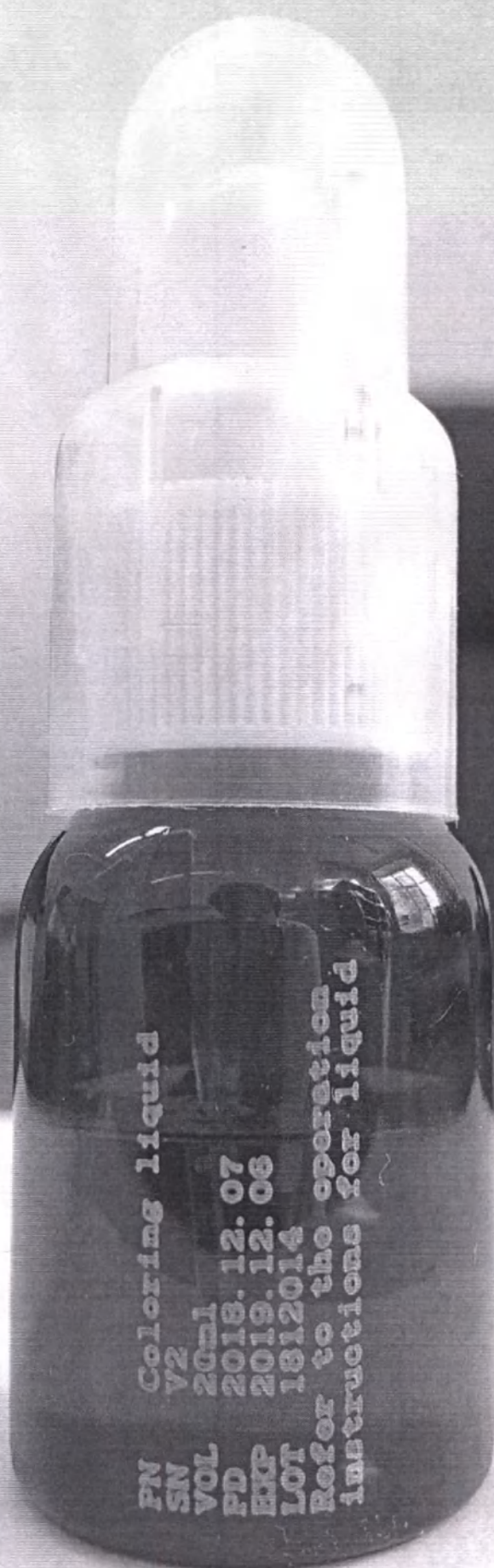




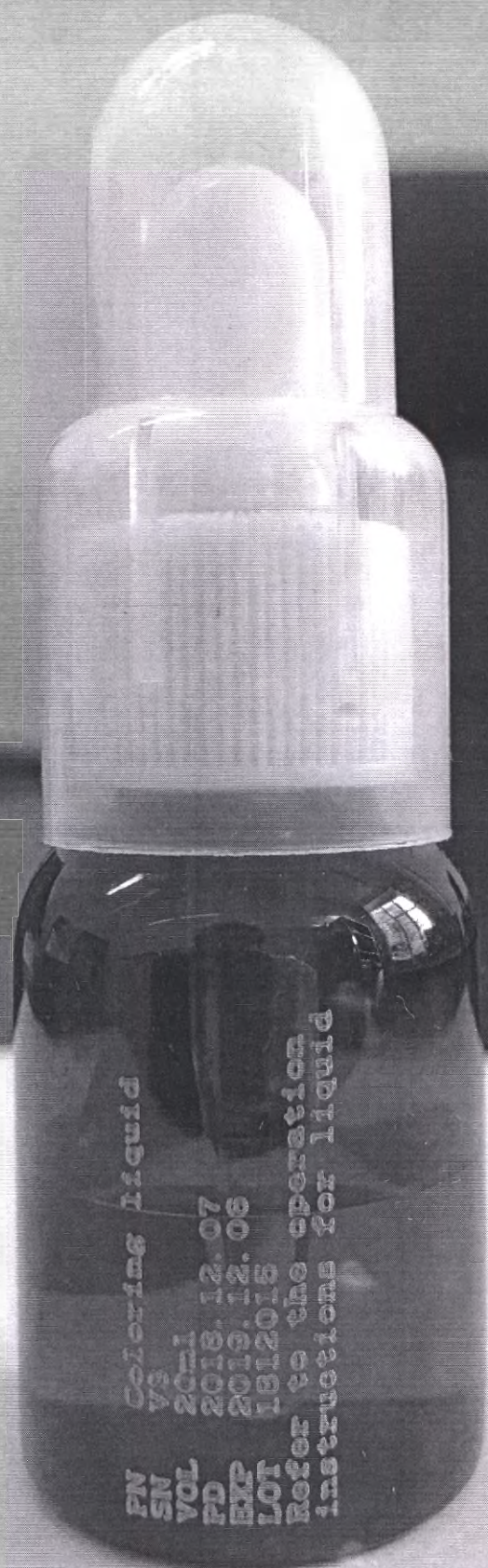
Окрашивающая жидкость V1



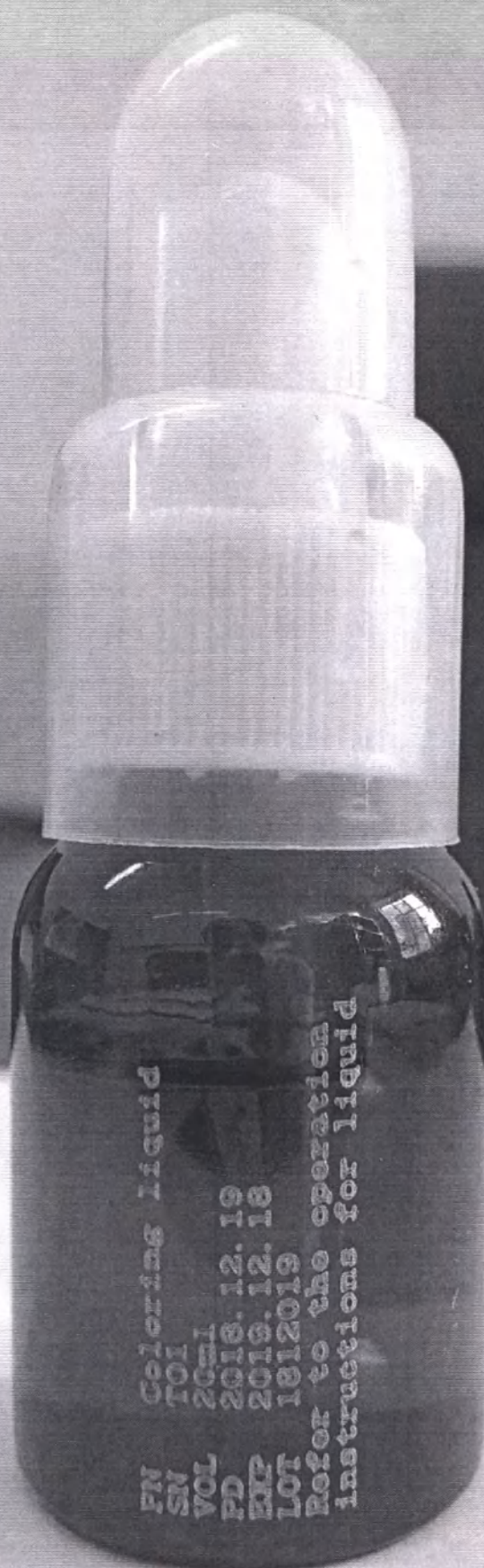
Окрашивающая жидкость V2

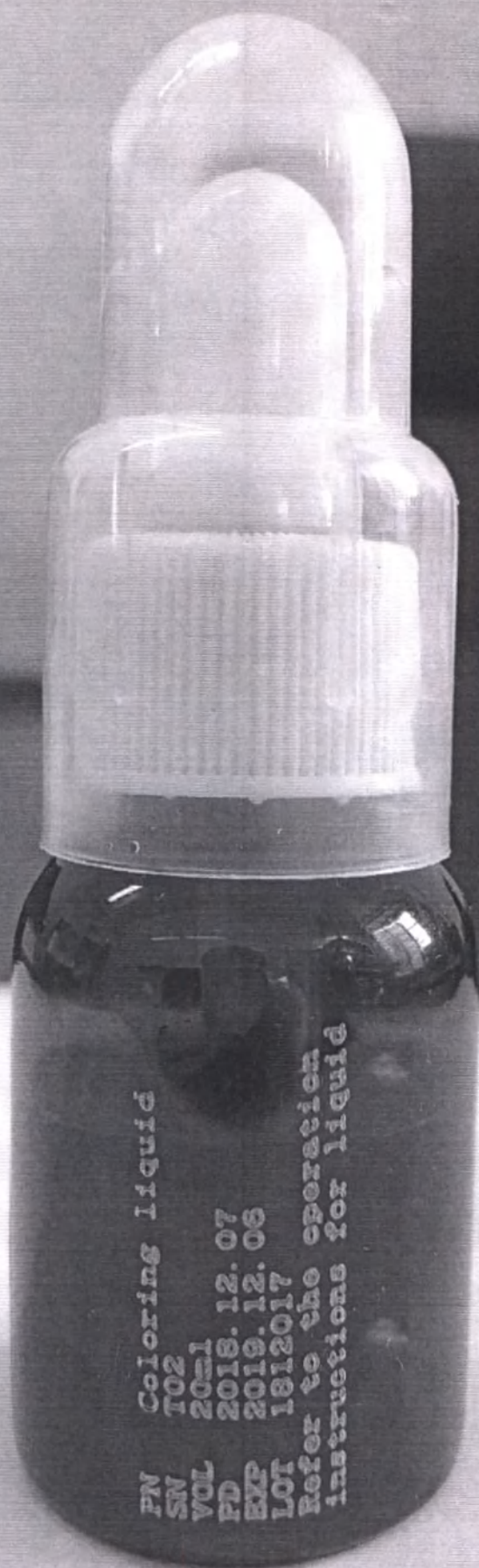


Окрашивающая жидкость V3



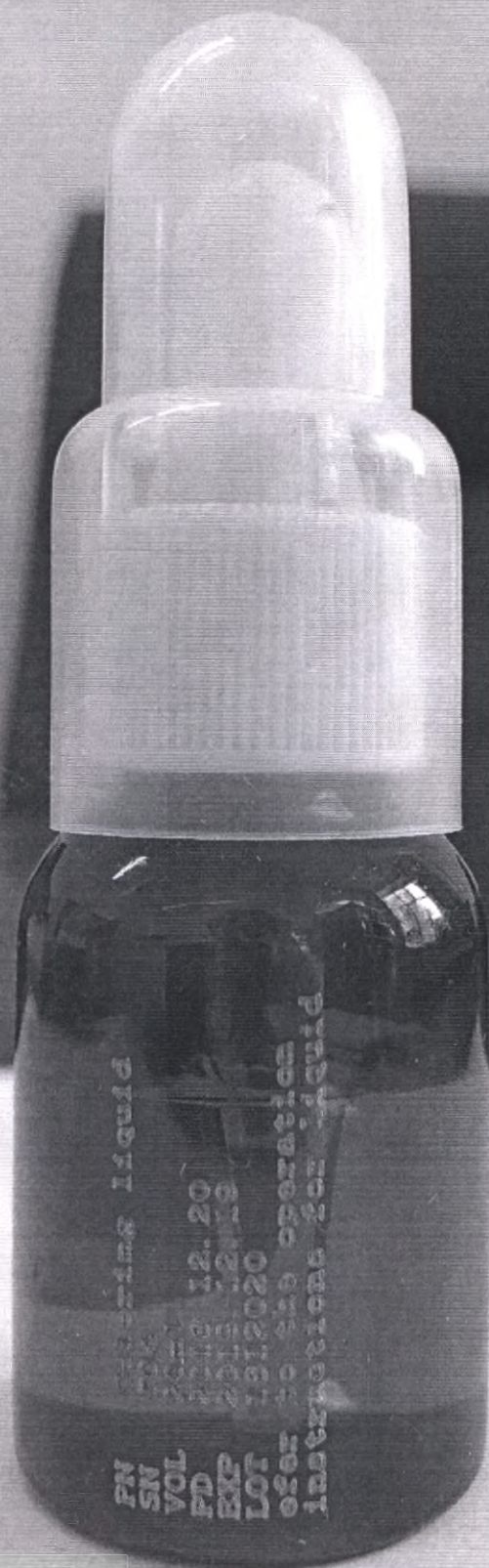
Окрашивающая жидкость Т01





Окрашивающая жидкость Т03





Прошнуровано и пронумеровано  
65 листов  
листа(ов)

Генеральный директор

