# **Foglalkozási napló**

a 20\_\_\_ /20\_\_\_. tanévre

**Gyógyszerkészítmény-gyártó**

**9. évfolyam**

szakma gyakorlati oktatásához

(OKJ száma: 34 524 01)

## A napló vezetéséért felelős: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A napló megnyitásának dátuma: \_\_\_\_\_\_\_\_\_\_\_

A napló lezárásának dátuma: \_\_\_\_\_\_\_\_\_\_\_

### Tanulók adatai és értékelése

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| Megjegyzések: | | | | |  | | | | | | | | | | | | |
| HÓ | IX. | X. | XI. | XII. | | I. | Félév | II. | III. | | IV. | V. | VI. | VII. | VIII | | Javasolt záró érdemjegy |
| JEGY |  |  |  |  | |  |  |  |  | |  |  |  |  |  | |  |

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| VI. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Tanulói mulasztások** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hó  nap | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Iga-  zolt | Igazo-  latlan | Aláírás |
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| VI. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| VII. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Tanuló neve:** | | | | |  | | | | Szül. hely, idő: | | | | | | |  | |
| Lakcím: | | | | |  | | | | | Telefon: | | | | | |  | |
| Képző intézmény neve: | | | | |  | | | | | Képző intézmény címe: | | | | | |  | |
| Gondviselő neve: | | | | |  | | | | | Telefon: | | | | | |  | |
| Lakcím: | | | | |  | | | | | | | | | | | | |
| Megjegyzések: | | | | |  | | | | | | | | | | | | |
| HÓ | IX. | X. | XI. | XII. | | I. | Félév | II. | III. | | IV. | V. | VI. | VII. | VIII | | Javasolt záró érdemjegy | |
| JEGY |  |  |  |  | |  |  |  |  | |  |  |  |  |  | |  | |
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| **Tanulói mulasztások** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hó  nap | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Iga-  zolt | Igazo-  latlan | Aláírás |
| IX. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| XI. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| XII. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| II. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| III. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IV. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| V. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VI. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VII. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VIII. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### HALADÁSI NAPLÓ

| **Foglalkozás** | | | **Modul/Tantárgy megnevezése, tartalma** | **Jelen van (fő)** | **Hiány-**  **zik**  **(fő)** | **Aláírás** |
| --- | --- | --- | --- | --- | --- | --- |
| **Hét** | **Dátum** | **Óra** |
|  | | **162** | **11782-16**  **Kémiai feladatok** |  | | |
|  | | 162 | Laboratóriumi gyakorlat |  | | |
|  | | 34 | Általános feladatok |  | | |
|  |  | 7 | Bevezetés a laboratóriumi munkába.  A laboratórium munka rendje.  Munka- és tűzvédelem, laboratóriumban használt eszközök, vegyszerek kezelése tárolása. |  |  |  |
|  |  | 7 | Eszközök, készülékek, berendezések tisztítása.  A keletkezett hulladék anyagok szelektív tárolása. |  |  |  |
|  |  | 7 | A szükséges védőfelszerelések kiválasztása és használata.  Fizikai alapmennyiségek és jellemzők mérése. |  |  |  |
|  |  | 7 | Tömegmérés.  Térfogatmérés. |  |  |  |
|  |  | 6 | Sűrűség mérése. |  |  |  |
|  | | 64 | Oldatkészítés |  | | |
|  |  | 1 | Oldat készítése szilárd anyagból. |  |  |  |
|  |  | 7 | Oldat készítése szilárd anyagból |  |  |  |
|  |  | 7 | Oldat készítése kristályvizes sóból. |  |  |  |
|  |  | 7 | Oldat készítése oldatokból hígítással. |  |  |  |
|  |  | 7 | Oldat készítése oldatokból keveréssel. |  |  |  |
|  |  | 7 | Oldat készítése oldatokból töményítéssel. |  |  |  |
|  |  | 7 | A készített oldatok fizikai jellemzőinek mérése sűrűségméréssel. |  |  |  |
|  |  | 7 | A készített oldatok fizikai jellemzőinek mérése sűrűségméréssel. |  |  |  |
|  |  | 7 | A készített oldatok fizikai jellemzőinek mérése, törésmutató méréssel. |  |  |  |
|  |  | 7 | A készített oldatok fizikai jellemzőinek mérése, törésmutató méréssel. |  |  |  |
|  | | 64 | Szervetlen preparátumok készítése |  | | |
|  |  | 7 | Laboratóriumi műveletek: szublimálás, kristályosítás, átkristályosítás. |  |  |  |
|  |  | 7 | Laboratóriumi műveletek: derítés, szűrés, dekantálás. |  |  |  |
|  |  | 7 | Laboratóriumi műveletek.  Hűtés, melegítés, desztillálás, szárítás, izzítás. |  |  |  |
|  |  | 7 | Szervetlen anyagok előállítása. |  |  |  |
|  |  | 7 | Szervetlen anyagok előállítása. |  |  |  |
|  |  | 7 | A preparátumokhoz szükséges anyagok jellemzőinek megismerése. |  |  |  |
|  |  | 7 | A preparátumokhoz szükséges anyagok jellemzőinek megismerése. |  |  |  |
|  |  | 7 | A preparátum-készítéshez szükséges eszközök kiválasztása, készülékek összeszerelése. |  |  |  |
|  |  | 7 | A kiindulási anyagok előkészítése. |  |  |  |
|  |  | 1 | Mérési leírás alapján a preparátumok elkészítése. |  |  |  |
|  | | **140** | **Összefüggő szakmai gyakorlat**  **(nyári gyakorlat)** |  | | |
|  |  | 7 | Fizikai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Fizikai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Fizikai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Oldatkészítés. |  |  |  |
|  |  | 7 | Oldatkészítés. |  |  |  |
|  |  | 7 | Oldatkészítés. |  |  |  |
|  |  | 7 | Kémiai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Kémiai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Kémiai jellemzők vizsgálata. |  |  |  |
|  |  | 7 | Analitikai vizsgálatok. |  |  |  |
|  |  | 7 | Analitikai vizsgálatok. |  |  |  |
|  |  | 7 | Analitikai vizsgálatok. |  |  |  |
|  |  | 7 | Preparátum készítés. |  |  |  |
|  |  | 7 | Preparátum készítés. |  |  |  |
|  |  | 7 | Preparátum készítés. |  |  |  |
|  |  | 7 | Biológiai vizsgálatok. |  |  |  |
|  |  | 7 | Biológiai vizsgálatok. |  |  |  |
|  |  | 7 | Biológiai vizsgálatok. |  |  |  |
|  |  | 7 | Gyártási folyamatokban való részvétel fél-üzemi, vagy üzemi körülmények között. |  |  |  |
|  |  | 7 | Gyártási folyamatokban való részvétel fél-üzemi, vagy üzemi körülmények között. |  |  |  |