

2025-06-04

Firmware Release Notes

April & May 2025 - 2025.3.2 / 6.14.2

General Improvements

- Simplified user names with family name removed (Arx, Arx mkII)
- Calibration check can now correct wavelength calibration in most cases (All instruments)
- Verify references from factory libraries are no longer shown in ChemDash (All instruments)
- Background colours for matches in Identify method are now different and corresponding to the type of match (100 Indicator)

Connectivity

- Improved WiFi connection to ChemDash (Arx, Arx mkII).
- Improved stability of Bluetooth connection (Arx mkII).

Biotoxins library added substances

CAS number	English name
7220-81-7	Aflatoxin B2
1397-94-0	Antimycin A

Explosives library added substances

CAS number	English name
646-06-0	1,3-Dioxolane
7790-98-9	Ammonium Perchlorate
7727-54-0	Ammonium Persulfate
60345-95-1	Mercuric 5-nitrotetrazole
13465-95-7	Barium Perchlorate
7791-03-9	Lithium Perchlorate
2582-30-1	Aminoguanidine bicarbonate

Narcotics library added substances

CAS number	English name
105184-38-1	3,5-DIFLUOROPHENYLACETIC ACID
1424-00-6	MESTEROLON
72-63-9	Metandienone
104-03-0	P-NITROPHENYLACETIC ACID
93-25-4	O-METHOXYPHENYLACETIC ACID
1878-68-8	P-BROMOPHENYLACETIC ACID
1255-49-8	Testosterone phenylpropionate
71776-70-0	DMBA
405-50-5	P-FLUOROPHENYLACETIC ACID
70-34-8	1-FLUORO-2,4-DINITROBENZENE
1877-73-2	M-NITROPHENYLACETIC ACID
97-00-7	1-CHLORO-2,4-DINITROBENZENE
156-38-7	P-HYDROXYPHENYLACETIC ACID
5807-30-7	3,4-DICHLOROPHENYLACETIC ACID
5407-04-5	3-CHLORO-N,N-DIMETHYLPROPYLAMINE HYDROCHLORIDE
434-07-1	Anapolon