

Allotrope Foundation (AF) Ontologies Version REC/2019/12

This is the release package of the Allotrope Foundation (AF) Ontologies Version REC/2019/12

Release Notes:

The Allotrope Foundation Ontologies (“AFO”) is a curated collection of defined terms prepared by Allotrope Foundation. The AFO is collectively licensed under the [Creative Commons Attribution License](#) (CC-BY).

However, the collection includes terms that are from or based on third party sources as updated from time-to-time. Such individual terms may be subject to other licenses specified by the source (e.g., terms from the CHMO or chemical methods ontology are also under the CC-BY, while terms based on Wikipedia entries are subject to CC BY-SA).

Changes for REC/2019/12:

- 95 Terms in AFT were promoted from CR to REC
- 3 Terms in relation ontology were promoted from CR to REC
- 30 Terms in AFO were promoted from CR to REC
- Terms in molecular perspective ontology were promoted from CR to REC
- Terms from domain ontologies were promoted from CR to REC:
 - o Calibration
 - o Chromatography
 - o Detection
 - o Differential Scanning Calorimetry
 - o Fingerprinting
 - o Injection
 - o LC-MS
 - o LC-UV
 - o Mass spectrometry
 - o Pumping
 - o Sampling
 - o UV Detection
- All terms from domain ontologies at working draft (WD) level maturity have been moved to WD/2019/12:

o Atomic-Force-Microscopy	o Capillary-Electrophoresis	o Chromatography
o Atomic-Spectroscopy	o CE-MS	o Cleanroom
o Auger	o Cell-Culture	o Closure
o Bath	o Centrifugation	o Coating
o Bio-Assay	o Chemical-Element	o Container
o Calibration	o Chemical-Reaction	o Datatype
	o Chromatography-Electrophoresis	o Detection

- Differential-Scanning-Calorimetry
- Dosage-Form
- DTA-TGA
- Dynamic-Vapor-Sorption
- Electric-Engineering
- Electrochemistry
- Electrokinetic-Chromatography
- Electron-Spin-Resonance
- Electrophoresis
- Filtration
- Flow-Cytometry
- Fluorescence
- Function-Generator
- GC-MS
- GC
- Gel-Electrophoresis
- Granulation
- Infrared
- Injection
- Ion-Mobility
- Karl-Fischer
- Lab-Glassware
- Lab-Safety
- LC-MS
- LS
- Mass-Spectrometry
- Microscopy
- Microwave
- Mixing
- Moessbauer
- Multimeter
- NMR
- Packaging
- pH
- Plate-Reader
- Plumbing
- Polarimetry
- Potentiometry
- Printing
- Property-Coordination
- Pumping
- Raman
- Reflectometry
- SFC
- SFE-IR
- Surface-Plasmon-Resonance
- Synthesis
- Tablet-Pressing
- Testing
- TGA-GC
- TGA-IR
- TGA-MS
- TGA
- Titration
- UV
- Velocimetry
- Voltammetry
- Weighing
- X-Ray-Diffraction

See <https://gitlab.com/allotrope/afo/issues/709> for details.