NMR-STAR dictionary contents

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| **Table 3.** NMR-STAR dictionary contents | |
| **Dictionary content element** | **Description** |
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| Dictionary history | A description of the changes made to the NMR-STAR ontology over time |
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| Allowed item data types | For validation purposes and data type control, each item in the NMR-STAR ontology is assigned a data type consistent with the PDBx/mmCIF convention. |
|  |  |
| Allowed item units | SI units are preferred for most quantitative data, but other units are allowed in some cases |
|  |  |
| Save frame super categories | Currently, save frames are grouped into eight super categories on the basis of the information content |
|  |  |
| Save frame categories | A listing of the currently allowed save frame categories is provided |
|  |  |
| Category description |  |
| category key | The category data items that compose the key for the category |
| category group | The save frame category where the data item category resides |
| mandatory status | Data item categories may be mandatory and this is indicated in the ontology |
| loop status | Defines if the category tags are required to be in a loop\_ structure |
|  |  |
| Data item description |  |
| category | The category of the data item |
| name | The name of the data item tag |
| description | A brief text defining the data item |
| mandatory status | Defines if the data item is mandatory or not within the category |
| data type | These data type definitions are consistent with the mmCIF data typing |
| enumeration status | Defines if the data item is enumerated and if open or closed |
| acceptable value range | The range of acceptable values for the data item |
| default value | A value assigned to the data item, if a value is not specified by a user or software application |
| aliases | The equivalent tag from a related ontology (PDBx/mmCIF) |
| enumerations | A list of the current enumerated values for the tag |
| example value(s) | One or more values that are valid examples for the tag |
| child data item(s) | If the data item is a primary key (parent item), a list of all the related foreign key data items (child data items) from linked categories are listed |
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