

Resource Summary Report

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NIST Standard Reference Data

RRID:SCR_006452

Type: Tool

Proper Citation

NIST Standard Reference Data (RRID:SCR_006452)

Resource Information

URL: <http://www.nist.gov/srd/>

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Description: For over 40 years, NIST has provided well-documented numeric data to scientists and engineers for use in technical problem-solving, research, and development. These recommended values are based on data which have been extracted from the world's literature, assessed for reliability, and then evaluated to select the preferred values. These data activities are conducted by scientists at NIST. NIST Data Gateway provides easy access to many (currently over 80) of the NIST scientific and technical databases. These databases cover a broad range of substances and properties from many different scientific disciplines. The Gateway includes links to free online NIST data systems as well as to information on NIST PC databases available for purchase.

Abbreviations: NIST SRD

Synonyms: Standard Reference Data (SRD), National Institute of Standards and Technology Standard Reference Data, NIST Standard Reference Data (SRD)

Resource Type: data or information resource, database, knowledge environment, narrative resource, organization portal, portal, standard specification

Resource Name: NIST Standard Reference Data

Resource ID: SCR_006452

Alternate IDs: nlx_144072, r3d100011139

Alternate URLs: <https://doi.org/10.17616/R3CG9F>

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260905T132554+0000

Ratings and Alerts

No rating or validation information has been found for NIST Standard Reference Data.

No alerts have been found for NIST Standard Reference Data.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Machová L, et al. (2025) First Step on the Way to Identify Dermatophytes Using Odour Fingerprints. *Mycopathologia*, 190(1), 10.

Zhong Y, et al. (2025) Coriander Derived E-2-Decenal Repels Fall Armyworm through Dedicated Olfactory Coding Involving SfruOBP13. *Journal of agricultural and food chemistry*, 73(33), 20770.

Tarifa-Mateo N, et al. (2023) Investigating livestock management in the early Neolithic archaeological site of Cabecicos Negros (Almería, Spain) from the organic residue analysis in pottery. *Scientific reports*, 13(1), 4797.

Andújar-Vera F, et al. (2023) Metabolomic Analysis of Pediatric Patients with Idiosyncratic Drug-Induced Liver Injury According to the Updated RUCAM. *International journal of molecular sciences*, 24(17).

Grigoreva E, et al. (2021) Identification of Key Metabolic Pathways and Biomarkers Underlying Flowering Time of Guar (*Cyamopsis tetragonoloba* (L.) Taub.) via Integrated Transcriptome-Metabolome Analysis. *Genes*, 12(7).

Arkhimandritova S, et al. (2020) Key metabolites associated with the onset of flowering of guar genotypes (*Cyamopsis tetragonoloba* (L.) Taub). *BMC plant biology*, 20(Suppl 1), 291.

Yang B, et al. (2018) Monitoring tyrosine kinase inhibitor therapeutic responses with a panel of metabolic biomarkers in chronic myeloid leukemia patients. *Cancer science*, 109(3), 777.

Breitkopf SB, et al. (2017) Serial-omics of P53^{-/-}, Brca1^{-/-} Mouse Breast Tumor and Normal Mammary Gland. *Scientific reports*, 7(1), 14503.

Losvik A, et al. (2017) Overexpression and Down-Regulation of Barley Lipxygenase LOX2.2 Affects Jasmonate-Regulated Genes and Aphid Fecundity. *International journal of molecular sciences*, 18(12).

Tian J, et al. (2017) The Toxic Effects of Tetrachlorobisphenol A in *Saccharomyces cerevisiae* Cells via Metabolic Interference. *Scientific reports*, 7(1), 2655.

Ge X, et al. (2014) Toward understanding amines and their degradation products from postcombustion CO₂ capture processes with aerosol mass spectrometry. *Environmental science & technology*, 48(9), 5066.

Lang PF, et al. (2013) Methods of calculating ionization energies of multielectron (five or more) isoelectronic atomic ions. *TheScientificWorldJournal*, 2013, 157412.

Loto I, et al. (2012) Enhancement of carotenoid production by disrupting the C22-sterol desaturase gene (CYP61) in *Xanthophyllomyces dendrorhous*. *BMC microbiology*, 12, 235.

Gills TE, et al. (2001) NIST Mechanisms for Disseminating Measurements. *Journal of research of the National Institute of Standards and Technology*, 106(1), 315.