

## Units of the NCA parameters based on the units defined for the data columns

The current interface allows to define units for the time, amount and volume (the units of the concentration being amount/volume), with only a mass unit for the amount. If the amount unit in the data is actually “/kg”, this adds a unit called “grading” in the below table.

For instance, if your amount is in “mg/kg” and you have indicated in the GUI “mg” for the amount, “mg/L” for the concentration, and “hr” for the time, then the output NCA parameter CI\_F will be indicated as L.hr<sup>-1</sup> but you should replace it by L.hr<sup>-1</sup>.kg<sup>-1</sup> as post-processing.

Rsq	no unit
Rsq_adjusted	no unit
Corr_XY	no unit
No_points_lambda_z	no unit
Lambda_z	time <sup>-1</sup>
Lambda_z_lower	time
Lambda_z_upper	time
HL_lambda_z	time
Span	no unit
Lambda_z_intercept	no unit
T0	time
Tlag	time
Tmax_Rate	time
Max_Rate	amount.time <sup>-1</sup>
Mid_Pt_last	time
Rate_last	amount.time <sup>-1</sup>
Rate_last_pred	amount.time <sup>-1</sup>
AURC_last	amount
AURC_last_D	grading
Vol_UR	volume
Amount_recovered	amount

Percent_recovered	% [not calculable when grading => set as NaN]
AURC_all	amount
AURC_INF_obs	amount
AURC_PerCentExtrap_obs	%
AURC_INF_pred	amount
AURC_PerCentExtrap_pred	%
C0	amount.volume <sup>-1</sup>
Tmin	time
Cmin	amount.volume <sup>-1</sup>
Tmax	time
Cmax	amount.volume <sup>-1</sup>
Cmax_D	grading.volume <sup>-1</sup>
Tlast	time
Clast	amount.volume <sup>-1</sup>
AUClast	time.amount.volume <sup>-1</sup>
AUClast_D	grading.time.volume <sup>-1</sup>
AUMClast	time <sup>2</sup> .amount.volume <sup>-1</sup>
AUCall	time.amount.volume <sup>-1</sup>
AUCINF_obs	time.amount.volume <sup>-1</sup>
AUCINF_D_obs	grading.time.volume <sup>-1</sup>
AUCINF_pred	time.amount.volume <sup>-1</sup>
AUCINF_D_pred	grading.time.volume <sup>-1</sup>
AUC_PerCentExtrap_obs	%
AUC_PerCentBack_Ext_obs	%
AUMCINF_obs	time <sup>2</sup> .amount.volume <sup>-1</sup>
AUMC_PerCentExtrap_obs	%
Vz_F_obs	volume.grading <sup>-1</sup>

Cl_F_obs	volume.time <sup>-1</sup> .grading <sup>-1</sup>
Cl_obs	volume.time <sup>-1</sup> .grading <sup>-1</sup>
Cl_pred	volume.time <sup>-1</sup> .grading <sup>-1</sup>
Vss_obs	volume.grading <sup>-1</sup>
Clast_pred	amount.volume <sup>-1</sup>
AUC_PerCentExtrap_pred	%
AUC_PerCentBack_Ext_pred	%
AUMCINF_pred	time <sup>2</sup> .amount.volume <sup>-1</sup>
AUMC_PerCentExtrap_pred	%
Vz_F_pred	volume.grading <sup>-1</sup>
Cl_F_pred	volume.time <sup>-1</sup> .grading <sup>-1</sup>
Vss_pred	volume.grading <sup>-1</sup>
Tau	time
Ctau	amount.volume <sup>-1</sup>
Ctrough	amount.volume <sup>-1</sup>
AUC_TAU	time.amount.volume <sup>-1</sup>
AUC_TAU_D	grading.time.volume <sup>-1</sup>
AUC_TAU_PerCentExtrap	%
AUMC_TAU	time <sup>2</sup> .amount.volume <sup>-1</sup>
Vz	volume.grading <sup>-1</sup>
Vz_obs	volume.grading <sup>-1</sup>
Vz_pred	volume.grading <sup>-1</sup>
Vz_F	volume.grading <sup>-1</sup>
CLss_F	volume.time <sup>-1</sup> .grading <sup>-1</sup>
CLss	volume.time <sup>-1</sup> .grading <sup>-1</sup>
CAvg	amount.volume <sup>-1</sup>
FluctuationPerCent	%

FluctuationPerCent_Tau	%
Accumulation_index	no unit
Swing	no unit
Swing_Tau	no unit
Dose	amount. <b>grading</b> <sup>-1</sup>
N_Samples	no unit
MRTlast	time
MRTINF_obs	time
MRTINF_pred	time
AUC_lower_upper	time.amount/volume
AUC_lower_upper_D	<b>grading</b> .time.volume <sup>-1</sup>
CAVG_lower_upper	amount/volume