

Column Header	Data	Data type	Units
ExperimentID	Name of experiment	String	NA
SiteID	Location	String	NA
StrainID	Algal Strain ID	String	NA
DATETIME	Date/time	String	NA
Duration.days	Time since beginning of experiment	Number	Days
PondID	Pond Name	String	NA
Depth.cm	Algal culture depth	Number	cm
pH	Algal culture pH	Number	NA
Salinity	Algal culture salinity	Number	g/L
Temp.C	Algal culture temperature	Number	°C
NO3.mg.L	Algal culture nitrate N concentration	Number	mg/L as Nitrogen
NO3.PCT.RSD	RSD of culture nitrate N concentration	Number	NA
NH4.mg.L	Algal culture ammonia N concentration	Number	mg/L as Nitrogen
NH4.PCT.RSD	RSD of culture ammonia concentration	Number	NA
P.mg.L	Algal culture phosphorus concentration	Number	mg/L as Phosphorus
P.PCT.RSD	RSD of culture phosphorus concentration	Number	NA
N:P	Molar ratio of nitrogen to phosphate	Number	NA
Analytical.Sample.ID	Sample ID	String	NA
Tracking.ID	Sample Tracking ID	Number	NA
DW.g.L	Algae concentration	Number	g/L
DW.RSD	Relative SD of algae concentration	Number	--
AFDW.g.L	Ash-free algae concentration	Number	g/L
AFDW.RSD	Relative SD of ash-free algae concentration	Numer	g/L
Ash	Mass fraction ash in algae	Number	NA
OD750	Optical density of algal culture @ 750nm	Number	NA
OD750.PCT.RSD	RSD of optical density @ 750nm	Number	NA
OD680	Optical density of algal culture@ 680nm	Number	NA
OD680.PCT.RSD	RSD of optical density @ 680nm	Number	NA

StrainID	Name	Source
KA32	Nannochloropsis oceanica	Cellana
LRB-AZ-1201	Chlorella vulgaris	Arizona State University
C046	Desmodesmus cf intermedius	Cellana

LOCATION	NAME	STATE
ASU	Arizona State University	AZ
CELL	Cellana	HI
CP	Cal Poly San Luis Obispo	CA
GT	Georgia Tech	GA
FA	Florida Algae	FL
TRL	TRL Corp	OH