EXPERIMENT_RECORDS

🔑	record_id	integer
ˣ	LOT_NO	integer
ˣ	project_title	varchar(256)
ˣ	formulation_date	date
ˣ	preparation_date	date
ˣ	prepared_by	varchar(256)
ˣ	quantity	double(10,2)
ˣ	total_percentage_w	double(10,2)
ˣ	total_AR	double(10,2)
ˣ	total_AD	double(10,2)
	notes	varchar(600)
	preparation_reason	varchar(600)
	observations	varchar(600)
	obs_description	varchar(256)
	rating	varchar(256)
ˣ	date_created	datetime
	date_updated	datetime

experiment_record_id

RAW_MATERIALS

🔑	raw_material_id	integer
ˣ	experiment_record_id	integer
ˣ	percentage_w	double(10,2)
	raw_material_lot	integer
ˣ	AR	double(10,2)
ˣ	AD	double(10,2)
	notes	varchar(600)

Default Layout

Table EXPERIMENT_RECORDS

* Pk	record_id	integer	
*	LOT_NO	integer	
*	project_title	varchar(256)	
*	formulation_date	date	
*	preparation_date	date	
*	prepared_by	varchar(256)	
*	quantity	double(10,2)	Quantity in grams
*	total_percentage_w	double(10,2)	
*	total_AR	double(10,2)	
*	total_AD	double(10,2)	
	notes	varchar(600)	
	preparation_reason	varchar(600)	
	observations	varchar(600)	
	obs_description	varchar(256)	Single word description of experiment (e.g transparent)
	rating	varchar(256)	rating of experiment (good/bad)
*	date_created	datetime	
	date_updated	datetime	

Indexes

Pk	Pk_EXPERIMENT_RECORDS_record_id	record_id	

Table RAW_MATERIALS

list of all raw materials

* Pk	raw_material_id	integer	
*	experiment_record_id	integer	foreign key which links the raw materials to the record_id from EXPERIMENT_RECORDS table
*	percentage_w	double(10,2)	
	raw_material_lot	integer	
*	AR	double(10,2)	
*	AD	double(10,2)	
	notes	varchar(600)	

Indexes

Pk	Pk_RAW_MATERIALS_raw_material_id	raw_material_id	

Foreign Keys

	Fk_RAW_MATERIALS_id (experiment_record_id) ref EXPERIMENT_RECORDS (record_id)	