



VITAL[®] Online Version 3.0.0

Allergen Bureau

VITAL 3.0 and Allergen Management Guidance
Breakfast Seminars, 2020

On Monday 28 October 2019 VITAL Online will be updated to v3.0.0

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Allergen Bureau eAlert

Release of VITAL Online Version 3.0.0

On Monday 28 October 2019 at 3:00pm Australian Eastern Daylight Time (4:00am same day UTC), VITAL



Online will be updated from v2.3.30 (previous version) to v3.0.0 (updated version) with the following key changes and additions.

- an updated set of Reference Doses
- the addition of a Reference Dose for celery in the European Union legislation
- updated tree nut groupings
- update functionality



VITAL[®] Online

the web-based VITAL Calculator



UPDATED to Version 3.0.0

- Reference Doses
- Tree nut groupings
- New functionality
- NEW Reference Dose for celery (European Union legislation)



Reference Doses

Allergen	No. of individuals	VITAL 2.0 Ref Dose (mg protein)	2019 VSEP Ref Dose (mg protein) [ED ₀₁]	Change
Egg	431	0.03	0.2	↑
Hazelnut	411	0.1	0.1	✓
Lupin	25	4.0	2.6	↓
Milk	450	0.1	0.2	↑
Mustard	33	0.05	0.05	✓
Peanut	1306	0.2	0.2	✓
Sesame	40	0.2	0.1	↓
Shrimp	75	10.0	25	↑
Soy (milk + flour)	87	1.0 (soy flour)	0.5	↓
Wheat	99	1.0	0.7	↓
Cashew	245		0.05	+
Celery	82		0.05	+
Fish (finfish)	82		1.3	+
Walnut	74		0.03	+



VITAL Action Level Grid Report

Substances	Reference Dose(mg)	Action Level (ppm) where reference amount/serving size is 100g	
		Action Level 1	Action Level 2
Cereals containing gluten (Total)	0.7	< 7 ppm	≥ 7 ppm
Barley	0.7	< 7 ppm	≥ 7 ppm
Oats	0.7	< 7 ppm	≥ 7 ppm
Rye	0.7	< 7 ppm	≥ 7 ppm
Spelt	0.7	< 7 ppm	≥ 7 ppm
Wheat	0.7	< 7 ppm	≥ 7 ppm
Crustacea	25	< 250 ppm	≥ 250 ppm
Egg	0.2	< 2 ppm	≥ 2 ppm
Fish	1.3	< 13 ppm	≥ 13 ppm
Milk	0.2	< 2 ppm	≥ 2 ppm
Peanut	0.2	< 2 ppm	≥ 2 ppm
Molluscs			
Sesame	0.1	< 1 ppm	≥ 1 ppm
Soy	0.5	< 5 ppm	≥ 5 ppm
Tree nuts (Cashews & Pistachios) (Total)	0.05	< 0.5 ppm	≥ 0.5 ppm
Cashews	0.05	< 0.5 ppm	≥ 0.5 ppm
Pistachio nuts	0.05	< 0.5 ppm	≥ 0.5 ppm
Tree nuts (Pecans & Walnuts) (Total)	0.03	< 0.3 ppm	≥ 0.3 ppm
Pecans	0.03	< 0.3 ppm	≥ 0.3 ppm
Walnuts	0.03	< 0.3 ppm	≥ 0.3 ppm
Tree nuts (Almonds, Brazil nuts, Hazelnuts, Macadamia nuts, Pine nuts) (Total)	0.1	< 1 ppm	≥ 1 ppm
Almonds	0.1	< 1 ppm	≥ 1 ppm
Brazil nuts	0.1	< 1 ppm	≥ 1 ppm
Hazelnuts	0.1	< 1 ppm	≥ 1 ppm
Macadamia nuts	0.1	< 1 ppm	≥ 1 ppm
Pine nuts	0.1	< 1 ppm	≥ 1 ppm
Lupin	2.6	< 26 ppm	≥ 26 ppm



Tree nut groupings

- Tree nuts in VITAL 3.0 are separated into three groupings:
 - Cashews & Pistachio nuts;
 - Walnuts & Pecans; and
 - Other tree nuts (Almonds, Brazil nuts, Hazelnuts, Macadamia nuts & Pine nuts) N.B. This grouping is specific to each legislation
- In each group, the cross contact for individual tree nuts is summed to make a labelling outcome

Tree nuts (Cashews & Pistachios) (Total)	0.05
Cashews	0.05
Pistachio nuts	0.05
Tree nuts (Pecans & Walnuts) (Total)	0.03
Pecans	0.03
Walnuts	0.03
Tree nuts (Almonds, Brazil nuts, Hazelnuts, Macadamia nuts, Pine nuts) (Total)	0.1
Almonds	0.1
Brazil nuts	0.1
Hazelnuts	0.1
Macadamia nuts	0.1
Pine nuts	0.1





Tree nut groupings



VITAL 2.0 PAL:

May be present: Tree nuts (Almond, Cashew)

Table 1: VITAL 2.0 Reference Doses for Tree nuts – example

Allergen	Reference Dose (mg)	Action Level (ppm) where Reference Dose is 80g		Readily dispersible cross contact amount (ppm)	Labelling Outcome
		Action Level 1	Action Level 2		
Tree nuts (total)	0.1	<1.25	≥1.25	1.4	Action Level 2
Almonds				0.7	
Brazil Nuts					
Cashews				0.7	
Hazelnuts					
Pecans					
Pine nuts					
Pistachios					
Walnuts					

VITAL 3.0 PAL:

May be present: Tree nuts (Cashew)

Table 2: VITAL 3.0 Reference Doses for Tree nuts – example

Allergen	Reference Dose (mg)	Action Level (ppm) where Reference Dose is 80g		Readily dispersible cross contact amount (ppm)	Labelling Outcome
		Action Level 1	Action Level 2		
Tree nuts (other) (total)	0.1	<1.25	≥1.25	0.7	Action Level 1
Almonds				0.7	
Brazil Nuts					
Hazelnuts					
Pine nuts					
Walnuts					
Tree nuts (cashews & pistachios)(total)	0.05	<0.62	≥0.62	0.7	Action Level 2
Cashews				0.7	
Pistachio					
Tree nuts (walnuts and pecans)(total)	0.03	<0.38	≥0.03		
Walnuts					
Pecans					



VITAL[®] Online new functionality

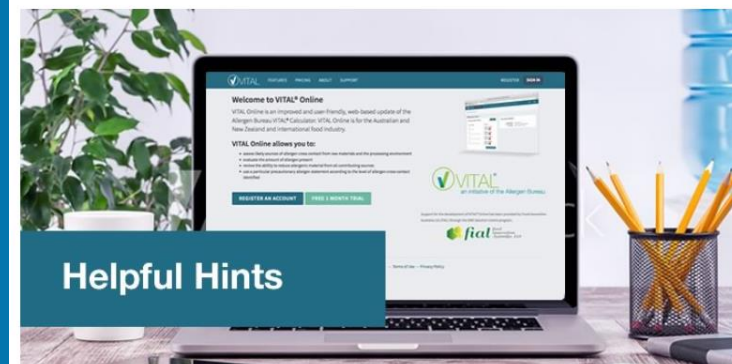
To support users with the transition from VITAL Program V2.0 to V3.0

1. 'Update All'
2. Recipe Summary report (for all recipes)
3. Comparison Summary report for individual recipes



VITAL Online Helpful Hint – 'Update All' Functionality

by Imcleod / November 20, 2019 / Training, VITAL / 0



The new 'Update All' functionality in VITAL Online allows the Account Owner to update all ingredients, processing profiles and recipes in one process – rather than updating each recipe individually. In VITAL Online, if any ingredient, processing profile or Reference Dose used in a recipe is changed, the recipe must be 'updated' in order to carry the changes across to affected recipe.

In addition to the ability to 'Update All' outstanding recipes, a Comparison Summary Report will be created to show any changes to labelling outcomes as a result of the update process. The 'Update All' functionality is especially useful where there are large changes – for example, an update to Reference Doses which affects all recipes (e.g. the recent change from VITAL 2.0 to VITAL 3.0).



1. Update All



- Single click to update all recipes, ingredients, and processing profiles
- Accessible to account owner only

The screenshot shows the VITAL dashboard interface. At the top, there is a navigation bar with the VITAL logo and menu items: RECIPES, INGREDIENTS, PROCESSING PROFILES, and REPORTS. Below the navigation bar is a 'Dashboard' header. A welcome message 'Welcome Georgie!' is displayed. The dashboard is divided into two main sections. On the left, there is a 'Recipe quick links' section with a 'VIEW ALL' button. It contains a table with the following data:

RECIPE NAME
IN_Flourless Chocolate Cake Recipe code: Cake 1
IN_Flourless Chocolate Cake with Buttercream Frosting Recipe code: CakeFrost1
IN_Buttercream Frosting Recipe code: Frost1
IN_Flourless Chocolate Cake

On the right, there is an 'Account details' section with the following information:

- Organisation:** Allergen bureau
- Organisation created:** 9 Oct 2014, 11:17 a.m.
- User accounts:** 9 users in this organisation.
- Last login:** 17 Oct 2019, 12:41 a.m.

Below the account details, there is an 'Update All' section. It contains the text 'Update all recipes, ingredients, and processing profiles.' and a blue 'UPDATE' button. This 'Update All' section is circled in blue in the screenshot.



1. Update All



- Count of Outdated Recipes is shown
- Click on UPDATE ALL
- Summary screen indicates how many outdated recipes were updated
- Comparison Summary report created for each legislation
- Download and check for changes to labelling outcomes

Update all

REFRESH

Outdated Recipes: 26

Update All Status

Status	Completed
Update requested	28 Oct 2019, 3:02 p.m.
Update completed	28 Oct 2019, 3:03 p.m.

UPDATE ALL

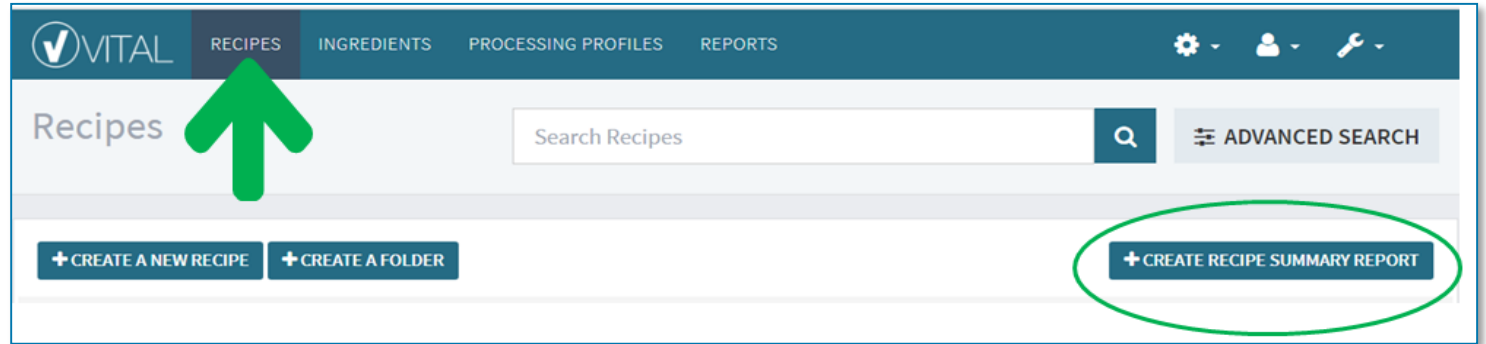
Clicking update all will update your ingredients, processing profiles, and recipes to their latest versions. After the process has successfully completed you will be able to view a Comparison Summary report which highlights which recipes have changed.



2. Recipe Summary report



- Accessible to account owner only
- Summary of all recipes and their allergen status
- csv file (open in MS Excel)



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH		
1	Name	Recipe G	Legislati	Almonds	Barley	Brazil nu	Cashews	Crustacei	Egg	Fish	Hazelnut	Lupin	Macadan	Milk	Molluscs	Oats	Peanut	Pecans	Pine nut	Pistachio	Rye	Sesame	Soy	Spelt	Walnuts	Wheat	Yield	Bulk Proc	Referenc	Referenc	Assumpt	Modified				
2	WW MAY	169458	Australia and New Zealand							Intentionally added						77ppm	0.16ppm					Particulate	Intentionally added			0.1ppm	100	FALSE	15	1	TABLE S READY	TC 2019-12-01	TC2019-12-01	22-172		
3	Egg Mayc	Kerrie EV	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-24-542		
4	Egg Mayc	EM1 (AT)	Australia	130ppm	0.75ppm																	Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-24-452		
5	Potato St	TinaP Pot	Australia and New Zealand							Intentionally added													Intentionally added				100	FALSE	250	Small sir	No gain	c 2019-12-01	TC2019-22-162			
6	Egg Mayc	Colette E	Australia and New Zealand													77ppm	0.16ppm					Particulate					100	FALSE	50					2017-11-23	TC2019-24-452	
7	GC-Soy F1	GC-SoyF1	Australia and New Zealand																				Intentionally added		950ppm	100	TRUE	100						2017-11-23	TC2019-24-452	
8	Egg Mayc	EM1 (KF)	Australia	130ppm	0.00075ppm											0.077ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-24-452		
9	Egg Mayc	EM1	Australia	130ppm	0ppm											0ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50	One Tab	No moist	2017-11-23	TC2019-25-262			
10	Vegetabl	Veg1	Australia and New Zealand																				Intentionally added				100	TRUE	100			no change	2017-11-23	TC2019-24-462		
11	Egg Mayc	shane hi	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-24-452		
12	FARRP St	Cake 1	Australia	960ppm												1.058824ppm	Particulate					Particulate	Intentionally added				85	FALSE	80	Based or 15				2017-11-23	TC2019-24-472	
13	SELECT FF	169456	Australia and New Zealand							Intentionally added						4080ppm	0.000569ppm						Particulate	Intentionally added		0.12ppm	100	FALSE	15	1	TABLE S READY	TC 2019-12-01	TC2019-12-01	22-172		
14	Soup		Australia and New Zealand													77ppm							Intentionally added		950ppm	100	TRUE	100						2017-11-23	TC2019-24-462	
15	GC-Soy F1	GC-SoyF1	Australia and New Zealand																				Intentionally added				100	TRUE	100						2017-11-23	TC2019-24-452
16	Egg Mayc	TinaP EM	Australia	130ppm						Intentionally added							0.16ppm					Particulate	Intentionally added				100	TRUE	100	100 g per	No water	2019-12-01	TC2019-22-162			
17	Peanuts	iem11	Australia and New Zealand															Intentionally added					Intentional				79	FALSE	50000	peanuts				2017-11-23	TC2019-24-452	
18	Cake Dor	AT-CD1	Australia and New Zealand													Intentionally added						Particulate	Intentionally added				100	TRUE	100			No water	2017-11-23	TC2019-24-462		
19	Biscuit D	BISCD01	Australia and New Zealand																				Particulate	Intentionally added			100	TRUE	100						2017-11-23	TC2019-24-462
20	WW MAY	169459	Australia and New Zealand							Intentionally added								0.00125ppm						Intentional		0.16ppm	100	FALSE	15	1	TABLE S READY	TC 2019-12-01	TC2019-12-01	22-172		
21	Fantastic	roland	Australia	0ppm	0ppm											0ppm											100	FALSE	60	my appet	acc				2019-12-01	TC2019-22-162
22	Chocolat	CC2	Australia and New Zealand																								100	FALSE	100						2017-11-23	TC2019-24-462
23	Egg Mayc	EM (JL)	Australia	224ppm	0.075ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No moist	2017-11-23	TC2019-24-452		
24	Egg Mayc	KathyC EP	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-24-452		
25	Egg Mayc	Kerrie EV	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50	dghdh			No water	2017-11-23	TC2019-24-542	
26	chocolat		Australia and New Zealand																								100	FALSE	50						2017-11-23	TC2019-24-462
27	Egg Mayc	EM1 (JH)	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No moist	2017-11-23	TC2019-24-452		
28	Sus	Flour Cake1	Australia	960ppm																							85	TRUE	160	80g	serve	decided	2017-11-23	TC2019-24-472		
29	Egg mayc	EM1 (IT)	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			no moist	2017-11-23	TC2019-24-452		
30	Egg Mayc	(Susan Ti)	Australia	130ppm	1.5ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			No water	2017-11-23	TC2019-25-252		
31	EGG MAY	EM1 (RR)	Australia	130ppm	0.75ppm											77ppm	0.16ppm					Particulate	Intentionally added				100	FALSE	50			Based or NO	MOIS	2017-11-23	TC2019-24-542	



3. Comparison Summary report



The screenshot shows the 'View recipe' interface in the VITAL system. It includes fields for 'Recipe name' (Flourless Chocolate Cake) and 'Recipe code' (Cake 1). The 'Recipe details' section lists the recipe name, code, legislation (Australia and New Zealand), and creation date (7 Sep 2018, 2:23 p.m.). The 'Recipe permissions' section shows a table with columns for PERSON, ORGANISATION, READ, and WRITE, indicating that 'All users' have read and write permissions. The 'Audit log' section contains a table with columns for MODIFIED BY and DATE & TIME, listing four entries by Georgina Christensen. At the bottom, a 'Comparison Summary' section displays two recipe versions for selection: '29 Nov 2019, 5:41 p.m.' (Latest revision) and '7 Sep 2018, 2:23 p.m.'.

- Accessible to users who are not account owners
- Report is found on the recipe summary page
- Compare any two versions of a recipe

Comparison Summary

A **29 Nov 2019, 5:41 p.m.**
Georgina Christensen
(Latest revision) SELECT

B **7 Sep 2018, 2:23 p.m.**
Georgina Christensen SELECT

Substances	Reference Dose (mg)	Action Level 1	Action Level 2	Cross contact amount		Labelling outcome
				Particulate	Readily dispersible (ppm)	
Cereals containing gluten (Total)	B 1	B < 12.5 ppm	B ≥ 12.5 ppm			
	A 0.7	A < 8.75 ppm	A ≥ 8.75 ppm			

VITAL[®] Online

<http://allergenbureau.net/vital/>



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