



VITAL[®] Online Version 3.0.2

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VITAL 3.0 and Allergen Management Guidance,
2020 AIFST Virtual Conference

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

[Email not showing correctly? View in your browser](#)



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 (now 3.0.2)

- 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

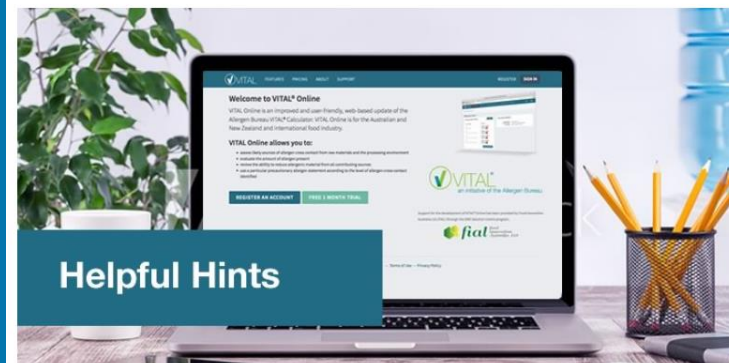
To support users with the transition from VITAL Program V2.0 to V3.0

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, the dashboard is titled "Dashboard" and includes a "Welcome Georgie!" message. The main content area is divided into two columns. The left column, titled "Recipe quick links", contains a table with the following entries:

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

A "VIEW ALL" button is located to the right of the table. The right column, titled "Account details", displays 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 a section titled "Update All" which 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

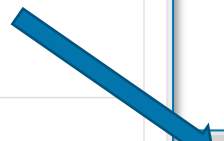
Clicking update all will update your ingredients, processing profiles, and recipes to their latest versions. After the process has successfully completed you will be able to view a Comparison Summary report which highlights which recipes have changed.

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.

Reports

DOWNLOAD	REPORT
DOWNLOAD	<p>Comparison Summary Report</p> <p>Status: Ready for download Legislation: European Union Notes: Comparing recipes as of 1 Dec 2019, 1:22 p.m. to recipes as of 1 Dec 2019, 1:22 p.m.</p>
DOWNLOAD	<p>Comparison Summary Report</p> <p>Status: Ready for download Legislation: South Africa Notes: Comparing recipes as of 1 Dec 2019, 1:22 p.m. to recipes as of 1 Dec 2019, 1:22 p.m.</p>
DOWNLOAD	<p>Comparison Summary Report</p> <p>Status: Ready for download Legislation: Australia and New Zealand Notes: Comparing recipes as of 1 Dec 2019, 1:22 p.m. to recipes as of 1 Dec 2019, 1:22 p.m.</p>
DOWNLOAD	<p>Recipe Summary Report</p> <p>Status: Ready for download Legislation: European Union Notes: Generated automatically before update all started at 1 Dec 2019, 1:22 PM.</p>
DOWNLOAD	<p>Recipe Summary Report</p> <p>Status: Ready for download Legislation: Australia and New Zealand Notes: Generated automatically before update all started at 1 Dec 2019, 1:22 PM.</p>
DOWNLOAD	<p>Recipe Summary Report</p> <p>Status: Ready for download Legislation: South Africa Notes: Generated automatically before update all started at 1 Dec 2019, 1:22 PM.</p>
DOWNLOAD	<p>Recipe Summary Report</p> <p>Status: Ready for download Legislation: European Union Notes: Generated automatically after update all started at 1 Dec 2019, 1:22 PM.</p>



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Comparison Summary Report
(Version 3.0.0)

Date: 1 Dec 2019, 1:22 p.m.
Legislation: Australia and New Zealand

Comparing	REPORT	CREATED	With	REPORT	CREATED
Recipe Summary Report		1 Dec 2019, 1:22 p.m.	Recipe Summary Report		1 Dec 2019, 1:22 p.m.

Disclaimer: This document is intended to provide general information only for educative and illustrative purposes, and is not professional or technical advice. Seek professional advice about its contents to determine whether, and the extent to which, it applies or does not apply to your own circumstances. The document is provided on the basis that no liability of any kind, including in relation to negligence, will be accepted by the Allergen Bureau in relation to, or any use of, its contents in any circumstances.

Notes:

- Information about the VITAL® Program, including the Food Industry Guide to the Voluntary Incident Trace Allergen Labeling (VITAL®) Program, can be accessed at <http://allergensbureau.net/vital>
- It is important that the VITAL® Program is understood before commencing use of VITAL® Online. The information that needs to be considered in the risk review assessment can be found in the VITAL® Guide.
- Any evaluation or investigation made and any outcomes achieved through using VITAL® Online will only be of value if the risk review is done thoroughly by experienced personnel with knowledge of the ingredients and the manufacturing environment.

Exemptions from Mandatory Allergen Declaration

- Exemptions from the mandatory declaration for allergens are included in some legislation. It is important to understand the relevant regulatory framework and any requirements which may impact the labelling requirement. Care must be taken when using the outcomes from the VITAL® Program for the purposes of determining allergens which are exempt from mandatory allergen declaration.

Tree nuts

- There is insufficient information to provide a Reference Dose for individual tree nuts. The cross contact concentrations from tree nuts are added together to give a total concentration.

Cereals containing gluten

- There is insufficient information to provide a Reference Dose for individual cereals containing gluten. The cross contact concentrations from cereals containing gluten are added together to provide a total concentration.

Product	Reference	VITAL Program Version 2.0	VITAL Calculator Version 3.0.0

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Substances	Reference Dose (µg)	Action Level 1	Action Level 2	Cross contact amount		Labelling outcome
				Particulate	Ready to consume (ppm)	
Fish	0.1	< 6.67 ppm	≥ 6.67 ppm			
	1.3	< 86.67 ppm	≥ 86.67 ppm			
Milk	0.1	< 6.67 ppm	≥ 6.67 ppm			
	0.2	< 13.33 ppm	≥ 13.33 ppm			
Peanut	0.2	< 13.33 ppm	≥ 13.33 ppm	0.00125		Action Level 1
	0.2	< 13.33 ppm	≥ 13.33 ppm			
Sesame	0.1	< 6.67 ppm	≥ 6.67 ppm			
	0.1	< 6.67 ppm	≥ 6.67 ppm			
Soy	0.1	< 6.67 ppm	≥ 6.67 ppm			
	0.5	< 33.33 ppm	≥ 33.33 ppm			
Tree nuts (Cashews & Pistachios) (Total) - New				0.05	< 3.33 ppm	≥ 3.33 ppm

Product	Reference	VITAL Program Version 2.0	VITAL Calculator Version 3.0.0

Name	Recipe	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		
2	WW MAY 169458	Australia and New Zealand																																	
3	Egg Mayc Kerrie EM Australia	130ppm	0.75ppm																																
4	Egg Mayc EM1 (AT) Australia	130ppm	0.75ppm																																
5	Potato St Tina P Por Australia and New Zealand																																		
6	Egg Mayc Colette E Australia and New Zealand	0.75ppm																																	
7	GC-Soy Fl GC-Soy F Australia and New Zealand																																		
8	Egg Mayc EM1 (KF) Australia	130ppm	0.00075ppm																																
9	Egg Mayc EM1 Australia	130ppm	0ppm																																
10	Vegesani Veg1 Australia and New Zealand																																		
11	Egg Mayc shane hi Australia	130ppm	0.75ppm																																
12	FARRP Str Cake 1 Australia	960ppm																																	
13	SELECT FF 169456 Australia and New Zealand																																		
14	Soup X Australia and New Zealand	0.75ppm																																	
15	GC-Soy Fl GC-Soy F Australia and New Zealand																																		
16	Egg Mayc Tina P EM Australia	130ppm																																	
17	Peanuts em1 Australia and New Zealand																																		
18	Cake Dor AT-CD1 Australia and New Zealand																																		
19	Biscuit D BISCD1 Australia and New Zealand																																		
20	WW MAY 169459 Australia and New Zealand																																		
21	fantastic rolrand Australia	0ppm																																	
22	Chocolat CC2 Australia and New Zealand																																		
23	Egg Mayc EM (LJ) Australia	250ppm	0.075ppm																																
24	Egg Mayc Kathy C E Australia	130ppm	0.75ppm																																
25	Egg Mayc Kerrie EM Australia	130ppm	0.75ppm																																
26	chocolat 5 Australia and New Zealand																																		
27	Egg Mayc EM1 (JH) Australia	130ppm	0.75ppm																																
28	Sufi Foua Cakes Australia	960ppm																																	
29	Egg mayc EM1 (I7) Australia	130ppm	0.75ppm																																
30	Egg Mayc (Susan T) Australia	130ppm	1.5ppm																																
31	EGG MAY EM1 (RR) Australia	130ppm	0.75ppm																																





2. Recipe Summary report



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

The screenshot shows the VITAL web interface. The top navigation bar includes 'RECIPES', 'INGREDIENTS', 'PROCESSING PROFILES', and 'REPORTS'. A green arrow points to the 'RECIPES' tab. Below the navigation bar, there is a search bar for 'Search Recipes' and an 'ADVANCED SEARCH' button. At the bottom of the interface, there are three buttons: '+ CREATE A NEW RECIPE', '+ CREATE A FOLDER', and '+ CREATE RECIPE SUMMARY REPORT'. The last button is circled in green.

	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	2022-12-17		
3	Egg Mayc	Kerrie EV	Australia	130ppm	0.75ppm									77ppm		0.16ppm						Particulate	Intentionally added			100	FALSE	50		No water	2017-11-23	2023-24-54				
4	Egg Mayc	EM1 (AT)	Australia	130ppm	0.75ppm																		Intentionally added			100	FALSE	50		No water	2017-11-23	2023-24-52				
5	Potato St	TinaP	Pot	Australia and New Zealand					Intentionally added														Intentionally added			100	FALSE	250	Small sir	No gain	c	2019-12-01	2022-12-16			
6	Egg Mayc	Colette E	Australia and New Zealand	0.75ppm										77ppm		0.16ppm						Particulate				100	FALSE	50					2017-11-23	2023-24-52		
7	GC-Soy F1	GC-SoyF1	Australia and New Zealand																				Intentionally added		950ppm	100	TRUE	100						2017-11-23	2023-24-52	
8	Egg Mayc	EM1 (KF)	Australia	130ppm	0.00075ppm									0.077ppm		0.16ppm						Particulate	Intentionally added			100	FALSE	50		No water	2017-11-23	2023-24-52				
9	Egg Mayc	EM1	Australia	130ppm	0ppm									0ppm		0.16ppm						Particulate	Intentionally added			100	FALSE	50	One Tab	No moist	2017-11-23	2023-25-26				
10	Vegetabl	Veg1	Australia and New Zealand																				Intentionally added			100	TRUE	100		no change	2017-11-23	2023-24-46				
11	Egg Mayc	shane hi	Australia	130ppm	0.75ppm									77ppm		0.16ppm						Particulate	Intentionally added			100	FALSE	50		No water	2017-11-23	2023-24-52				
12	FARRP St	Cake 1	Australia	960ppm										1.058824ppm		Particulate						Particulate	Intentionally added			85	FALSE	80	Based or 15			2017-11-23	2023-24-42			
13	SELECT FF	169456	Australia and New Zealand						Intentionally added					4080ppm		0.000569ppm							Intentionally added		0.12ppm	100	FALSE	15	1	TABLE S	READY	TC	2019-12-01	2022-12-17		
14	Soup		Australia and New Zealand	0.75ppm										77ppm									Intentionally added		950ppm	100	TRUE	100						2017-11-23	2023-24-46	
15	GC-Soy F1	GC-SoyF1	Australia and New Zealand																				Intentionally added			100	TRUE	100							2017-11-23	2023-24-52
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	2022-12-16				
17	Peanuts	iem11	Australia and New Zealand														Intentionally added						Intentionally added			79	FALSE	50000		peanuts	2017-11-23	2023-24-52				
18	Cake Dor	AT-CD1	Australia and New Zealand											Intentionally added									Particulate	Intentionally added		Interior	100	TRUE	100		No water	2017-11-23	2023-24-46			
19	Biscuit D	BISCD01	Australia and New Zealand																				Intentionally added		Interior	100	TRUE	100							2017-11-23	2023-24-46
20	WW MAY	169459	Australia and New Zealand						Intentionally added								0.00125ppm						Intentionally added		0.16ppm	100	FALSE	15	1	TABLE S	READY	TC	2019-12-01	2022-12-17		
21	Fantastic	roland	Australia	0ppm	0ppm									0ppm									Intentionally added			100	FALSE	50	my appet	acc				2019-12-01	2022-12-16	
22	Chocolat	CC2	Australia and New Zealand																				Intentionally added			100	FALSE	100							2017-11-23	2023-24-46
23	Egg Mayc	EM (JL)	Australia	224ppm	0.075ppm									77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50		No moist	2017-11-23	2023-24-52			
24	Egg Mayc	KathyC	EP	Australia	130ppm	0.75ppm								77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50		No water	2017-11-23	2023-24-52			
25	Egg Mayc	Kerrie EV	Australia	130ppm	0.75ppm									77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50	dghdh					2017-11-23	2023-24-52
26	chocolat		Australia and New Zealand																				Intentionally added			100	FALSE	50							2017-11-23	2023-24-46
27	Egg Mayc	EM1 (JH)	Australia	130ppm	0.75ppm									77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50		No moist	2017-11-23	2023-24-52			
28	Sus	Flour	Cake1	Australia	960ppm																		Particulate	Intentionally added			85	TRUE	160	80g	serve	decided	2017-11-23	2023-24-42		
29	Egg mayc	EM1 (IT)	Australia	130ppm	0.75ppm									77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50		no moist	2017-11-23	2023-24-52			
30	Egg Mayc	(Susan Ti)	Australia	130ppm	1.5ppm									77ppm		0.16ppm							Particulate	Intentionally added			100	FALSE	50		No water	2017-11-23	2023-25-25			
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	2023-24-52



3. Comparison Summary report



The screenshot shows the 'View recipe' interface in the VITAL system. The recipe name is 'Flourless Chocolate Cake' and the code is 'Cake 1'. It includes sections for 'Recipe details', 'Recipe permissions', and 'Comparison Summary'. The 'Comparison Summary' section at the bottom shows two versions of the recipe for selection: one from 29 Nov 2019 (marked with a red 'A') and one from 7 Sep 2018 (marked with a blue 'B').

- 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/>



Free Allergen Bureau Helpline

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