

Certificate of Analysis

Product Name:	D ASPARTIC ACID		
Batch:	(See pack)	Manufacture Date:	03.02.2015
Source:	CHINA	Product Code:	P01271
Shelf Life:	2 YEARS		
Appearance:	White to off white powder		

TEST ITEMS	SPECIFICATION
Identification	Infrared absorption
Assay	99.0% ~ 101.0%
Specific rotation [α]D20	(-46.5°) ~ ($+49.0^{\circ}$)
State of solution (Transmittance)	96.0% min
Loss on drying	<0.20%
Chloride	<0.02%
pH	2.5 ~ 3.5
Heavy metals	<10ppm
Chloride (Cl)	<0.02%
Iron (Fe)	<10ppm
Arsenic (As)	<1ppm
Mercury	<0.1ppm
Sulphate (SO42)	<0.02%
Ammonium (NH4+)	<0.02%

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ALLERGENS	RESULT
Cereals*	Absent
Crustaceans	Absent
Egg	Absent
Fish	Absent
Lupin	Absent
Milk	Absent
Molluscs	Absent
Nuts**	Absent
Peanut	Absent
Soya	Absent
Sesame	Absent
Celery and celeriac	Absent
Mustard	Absent
Sulphur dioxide and sulphites	Absent
Milk	Absent
Molluscs	Absent
Nuts**	Absent
Peanut	Absent
Soya	Absent
Sesame	Absent
Celery and celeriac	Absent
Mustard	Absent
Sulphur dioxide and sulphites	Absent

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ALLERGENS	RESULT
Poppy Seeds and derivatives	Absent
Sunflower seeds and derivatives	Absent
Other seeds and seed derivatives	Absent
Maize and derivatives	Absent
Rice and derivatives	Absent
Celeriac and derivatices	Absent
Celery	Absent
Fruit and derivatives	Absent
Yeast and derivatices	Absent
Vegetable and derivatives	Absent
Carrot and derivatives	Absent
Cotton seeds and derivatives	Absent
Legumes / pulses	Absent
Salt	Absent
Sugar	Absent
Aspartame	Absent
Additives	Absent

Approved by: Rebecca Wikman

Date:
03/02/2015

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MICROBIAL ANALYSIS	SPECIFICATION
Total Plate Count	<10,000cfu/g
Yeasts & Moulds	<100cfu/g
E.Coli	Not detected
Salmonella	Not detected
GMO Status	GMO Free

Suitable for Muslims: Yes

Suitable for Coeliacs: Yes

Suitable for Vegetarians: Yes

Suitable for Vegans: No

*Contains: gluten – wheat, rye, barley, oats, spelt, kamut or their hybrid strains

**Nuts include: almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nut, Macadamia nut and Queensland nut

There are no nuts in this recipe and no nuts on site, however we cannot guarantee that the raw materials entering the site are nut free.

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Date:
03/02/2015