

CERTIFICATE OF ANALYSIS

Product Code:	KSRR060EP-00-00
Latin Name:	Stevia rebaudiana
Name:	Rebaudiosid-A 60%
Batch Number:	9A10003
Manufacture Date:	Feb. 18
Origin:	China
Shelf life:	36 months
Storage conditions:	In original package in fresh, clean, dry conditions away from direct light and moisture
Packaging:	Polyethylene bags inside a cardboard carton

PHYSICAL CHARACTERISTICS

Identification	Positive
Appearance	Fine powder
Color	White
Odor	Characteristic
Taste	Sweet
Density	0,25 - 0,35 gr/ml
Mesh size	≥ 95% through 100 mesh

TEST METHOD

TLCID
Visual
Visual
Organoleptic
Organoleptic
-
-

RESULTS

Complies
Complies
Complies
Complies
Complies
Complies
Complies

CHEMICAL ANALYSIS

Assay:	
Rebaudiosid-A	≥ 60%
Steviol glycosides	≥ 95%
Loss on drying	≤ 6 %
pH	4,5 - 7,0
Ash content	≤ 1 %
Melting point	198 - 202°C
Solubility	Soluble in water
Solvent	Water and Ethanol
Residual solvents	≤ 5000 mg/kg
Carrier	None

SPECIFICATION**TEST METHOD**

HPLC-DAD
HPLC-DAD
\$64 LFGB L 39.00-1 (EG)
\$64 LFGB L 31.00-2
\$64 LFGB L06.00-4, mod.
Visual
Visual
-
GC-MS
-

RESULTS

63,80%
97,3%
3,5%
5,2
0,07%
Complies
Complies
Complies
Complies
Complies

IMPURITIES

Arsenic	≤ 1 ppm
Lead	≤ 1 ppm
Cadmium	≤ 1 ppm
Mercury	≤ 0,1 ppm
Pesticides	According to legislation EU396/2005
Irradiation	Negative

SPECIFICATION**TEST METHOD**

DIN EN ISO15763 (2010), ICP-MS
DIN EN ISO15763 (2010), ICP-MS
DIN EN ISO15763 (2010), ICP-MS
DIN EN ISO15763 (2010), ICP-MS
\$64 LFGB L00.00-13
PSL

RESULTS

Complies
Complies
Complies
Complies
Complies
Complies

MICROBIOLOGY

Total plate count	≤ 3.000 CfU/g
Yeast / Mold	≤ 100 CfU/g
Enterobacteria	≤ 100 CfU/g
E. Coli	Negative
Staphylococcus aureus	Negative
Salmonella	Negative/25g

SPECIFICATION**TEST METHOD**

ISO 4833
\$64 LFGB L01.00-37
ISO 21528-2
USP 40 <61>
USP 40 <61>
AFNOR QUY 18/03-11/02 (PCR)

RESULTS

< 100 CfU/g
< 10 CfU/g
Complies
Complies
Complies
Complies

Some of the values in this document may have been determined on the basis of periodical control measurements. Hence not every given value has inevitably been measured on this specific batch. This certificate does not exonerate the customer from its own responsibility to validate the fitness of the delivered product for the use the customer intends.

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