



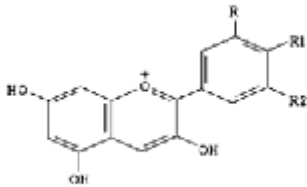
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC081804261

Product name	Bilberry Extract
CAS Number	84082-34-8
Molecule Structure	
Molecule Formula	C ₂₇ H ₃₁ O ₁₆
Batch number	20180107
Manufacture date	2018-01-07
Testing date	2018-01-07

Items	Standard	Result
Description	Violet-Red Powder	Qualified
Impurity	No visible impurity	Qualified
Odor	The tangerine has a special flavor and no mildew	Qualified
Taste	Bitter taste, no smell	Qualified
assay	Proanthocyanidin $\geq$ 25%	29.31%
Ash content	$\leq$ 5.0%	2.30%
Loss on drying	$\leq$ 5.0%	3.91%
Extract solvent	Ethanol&Water	Qualified
Mesh size	90%pass 80 mesh	100%过 80 mesh
Bulk density	40~60g/100mL	54g/100ml
tap density	60~90g/100mL	69g/100ml
Heavy metal	$\leq$ 2ppm	Qualified
(Pb)	$\leq$ 0.5ppm	0.17ppm
(As)	$\leq$ 0.5ppm	0.22ppm
(Hg)	$\leq$ 0.3ppm	0.04ppm
(Cd)	$\leq$ 1.0ppm	0.31ppm
ethanol	$\leq$ 200ppm	Qualified
Hexachlorinated biphenyl	$\leq$ 0.1ppm	Qualified
DDT	$\leq$ 0.1ppm	Qualified
Total plate count	$\leq$ 1000cfu/g	100cfu/g
Yeast&mold	$\leq$ 25cfu/g	10cfu/g

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangnan Area, Hangzhou, China



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E. coil	Negative	Negative
salmonella	≤0/25g	Negative
Staphylococcus aureus	≤0/25g	Negative
Shigella sonnei	Negative	Negative
B1 aflatoxin b1	≤5.0μ g/kg	Negative
B2 aflatoxin b2	≤5.0μ g/kg	Negative
G1 aflatoxin g1	≤5.0μ g/kg	Negative
G2 aflatoxin g2	≤5.0μ g/kg	Negative
GMO Free	Qualified	Qualified

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL:

Quality Control

Paula

CHECK: 姚仙娟

INSPECTOR: 刘清风