

CERTIFICATE OF ANALYSIS

PÜRBLACK LIVE RESIN

Date reported: 12 July, 2021
 Batch number: 11RUA159/21

HEAVY METALS AND RADIOACTIVITY ANALYSIS:

ANALYTE	UNITS	NORM	RESULT	NORMATIVE DOCUMENTATION FOR THE TEST
Lead	mg/kg	3	0.185	PB 3017000
Arsenic	mg/kg	6	0.418	PB 2693000
Cadmium	mg/kg	0.5	0.036	PB 3017000
Mercury	mg/kg	1	0.005	PB 2692000 PB 517000
Cesium	becquerel/kg	100	Less than 1	PB 2.6.1.71000
Strontium	becquerel/kg	50	Less than 1	PB 2.6.1.71000

MICROBIOLOGICAL ANALYSIS:

ANALYTE	UNITS	NORM	RESULT	NORMATIVE DOCUMENTATION FOR THE TEST
Standard Plate Count	CFU/g	1*10**4	Less than 10	PB 10444.1000
Escherichia coli	CFU/g	0.1	Not found	PB 3051000
Pathogens incl. Salmonella	CFU/g	10	Not found	PB 3051000
Staphylococcus Aureus	CFU/g	1	Not found	RG 10444.000
Bacillus cereus	CFU/g	2*10*2	Not found	PB 10444.000
Yeast and Mold	CFU/g	100	Less than 10	PB 10444.1000

AUTHENTICITY ANALYSIS:

ANALYTE	UNITS	NORM	RESULT	NORMATIVE DOCUMENTATION FOR THE TEST
Moisture	%, by mass	15,0 %	8.3 (+/-0.2)	PB 9197-002-01898825000
pH (1% water sol.)	pH, units	7,0-9,0	8.9 (+/-0.1)	PB 9197-002-01898825000
Ashes (not soluble in 10% HCl)	%, by mass	1,6	0.24 (+/-0.1)	PB 9197-002-01898825000
Total ashes	%, by mass	Not more than 35	26(+/-1)	PB 9197-002-01898825000
Authenticity		Positive	Positive	PB 9197-002-01898825000
Ashless humic acids as carriers of dibenzo- α -pyrones	%, by mass	Not less than 4,0	17.3 (+/-0.1)	PB 9197-002-01898825000
Glycine	%, by mass	Not less than 1,0	22.1(+/-0.1)	PB 9197-002-01898825000