

Pürblack Inc.  
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# CERTIFICATE OF ANALYSIS

## PÜRBLACK LIVE RESIN

Date reported: 15 December, 2025

Batch number: 11RUARG001

Product name: Research Grade 15 gram

### SAFETY ANALYSIS

#### HEAVY METALS AND RADIOACTIVITY:

ANALYTE	UNITS	NORM	RESULT	NORMATIVE DOCUMENTATION FOR THE TEST
Lead	mg/kg	3	0.47	PB 3017000
Arsenic	mg/kg	6	0.311	PB 3017000
Cadmium	mg/kg	0.5	0.032	PB 3017000
Mercury	mg/kg	1	0.001	PB 3017000
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 10444.1000
Pathogens incl. Salmonella	CFU/g	10	Not found	PB 10444.1000
Staphylococcus Aureus	CFU/g	1	Not found	PB 10444.1000
Bacillus cereus	CFU/g	2*10*2	Not found	PB 10444.1000
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%	12.9 (+/-0.2)	PB 9197-002-01898825000
pH (1% water sol.)	%, by mass	0.7-9.0	8.5 (+/-0.1)	PB 9197-002-01898825000

Ashes (not soluble in 10% HCl)	%, by mass	1.6	0.19 (+/-0.1)	PB 9197-002-01898825000
Total ashes	%, by mass	Not more than 35	15.3 (+/-1)	PB 9197-002-01898825000
Authenticity		Positive	Positive	PB 9197-002-01898825000
Ashless humic acids as carriers of dibenzo- $\alpha$ -pyrones	%, by mass	Not more than 4.0	19.8 (+/-0.1)	PB 9197-002-01898825000
Glycine	%, by mass	Not more than 1.0	19.3 (+/-0.1)	PB 9197-002-01898825000
Urolithin A (innate)	PPM	More than 10	39.872	PB 9197-002-01898825000