



MDM Prime LLC  
2015 N Forbes  
Suite 110  
Tucson, AZ 85745  
License #: 00000039DCVR00320237  
Sample ID: 2601SMAZ0221.0774  
Batch #: A500260128



SMITHERS

**CERTIFICATE OF ANALYSIS**

License #: 00000020LCVT89602592

Certificate: 20995

**Blackberries & Cream, Mellow Indica - 1000 mg**

Batch #: A500260128  
Strain: Northern Lights  
Parent Batch #: OGZD-VE6251  
Production Method: Alcohol  
Harvest Date: 09/11/2025  
Received: 02/02/2026

Sample ID: 2601SMAZ0221.0774  
Amount Received: 62.1 g  
Sample Type: Soft Chew  
Sample Collected: 02/02/2026 13:52:00  
Manufacture Date: 01/28/2026  
Published: 02/04/2026



**COMPLIANCE FOR RETAIL**

**Regulated Analytes**

Cannabinoid Profile (Q3) <b>Tested</b>	Microbial Contaminants <b>Pass</b>	Residual Solvents <b>Not Tested</b>	105.3340 mg/serving 1053.3402 mg/container Total THC
Pesticides, Fungicides, and Growth Regulators <b>Not Tested</b>	Mycotoxins <b>Not Tested</b>	Heavy Metals <b>Not Tested</b>	0.2981 mg/serving 2.9808 mg/container Total CBD

**Additional Analytes (Not Regulated)**

Terpenes Total (Q3) <b>Not Tested</b>	Moisture Analysis (Q3) <b>Not Tested</b>	Water Activity (Q3) <b>Not Tested</b>	0.5527 mg/serving 5.5269 mg/container CBN
Filth & Foreign (Q3) <b>Not Tested</b>	Homogeneity (Q3) <b>Not Tested</b>	Additional Microbial Contaminants (Q3) <b>Not Tested</b>	2.7572 mg/serving 27.5724 mg/container CBG
109.9046 mg/serving 1099.0458 mg/container Total Cannabinoids (Q3)			

Ahmed Munshi

Technical Laboratory Director

*AHMunshi*

Smithers CTS Arizona LLC

734 W Highland Avenue, 2nd Floor  
Phoenix, AZ 85013  
(602) 806-6930



Accreditation #: 103104

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**Certificate:** 20995

**Cannabinoid Profile**

**HPLC**

**Tested**

**Sample Prep**

**Batch Date:** 02/03/2026  
**SOP:** 418.AZ  
**Batch Number:** 5121  
**Test ID:** 114505

**Sample Analysis**

**Date:** 02/03/2026  
**SOP:** 417.AZ - HPLC  
**Sample Weight:** 1.082 g  
**Volume:** 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.0060	0.0180	2	0.0101	0.1010	0.6272	6.2721	
CBD	0.0060	0.0180	2	0.0048	0.0480	0.2981	2.9808	
CBDA	0.0060	0.0180	2	ND	ND	ND	ND	
CBDV	0.0060	0.0180	2	ND	ND	ND	ND	
CBG	0.0060	0.0180	2	0.0444	0.4440	2.7572	27.5724	
CBGA	0.0060	0.0180	2	ND	ND	ND	ND	
CBN	0.0060	0.0180	2	0.0089	0.0890	0.5527	5.5269	
d8-THC	0.0060	0.0180	2	ND	ND	ND	ND	
d9-THC	0.0060	0.0180	2	1.6962	16.9620	105.3340	1053.3402	
THCA	0.0060	0.0180	2	ND	ND	ND	ND	
THCV	0.0060	0.0180	2	0.0054	0.0540	0.3353	3.3534	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.6962	16.9620	105.3340	1053.3402	
Total CBD	0.0048	0.0480	0.2981	2.9808	
Total Cannabinoids	1.7698	17.6980	109.9046	1099.0458	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)  
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation  
 Serving Weight: 6.21 None; Servings/Package: 10

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Sample ID: 2601SMAZ0221.0774  
Batch #: A500260128



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License #: 00000020LCVT89602592

**Certificate:** 20995

## Microbial Analysis

**Pass**

### Sample Prep

**Batch Date:** 02/03/2026  
**SOP:** 412.AZ  
**Batch Number:** 5129  
**Test ID:** 114509

### Sample Analysis

**Date:** 02/04/2026  
**SOP:** 412.AZ - 3M Petrifilm  
**Sample Weight:** 1.061 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 10 CFU/g	< 10 CFU/g	Pass	

### Sample Prep

**Batch Date:** 02/03/2026  
**SOP:** 406.AZ  
**Batch Number:** 5127  
**Test ID:** 114512

### Sample Analysis

**Date:** 02/04/2026  
**SOP:** 406.AZ - qPCR (MG)  
**Sample Weight:** 1.029 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

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## Qualifier Legend

**B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.

**B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.

**D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.

**I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.

**L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.

**M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.

**M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.

**M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.

**M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.

**M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.

**M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).

**Q1** Sample integrity was not maintained.

**Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.

**Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.

**R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.

**R2** The relative percent difference for a sample and duplicate exceeded the limit.

**V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

**Cultivated By:**

**Manufactured By:**

**Disclaimer:** Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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**Notes:**



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Sample ID: 2601SMAZ0143.0505  
Batch #: OGZD-VE6251



SMITHERS

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Certificate: 20648

## Indica Distillate

Batch #: OGZD-VE6251  
Strain: Northern Lights  
Parent Batch #: JARDIS - 100625FG  
Production Method: Alcohol  
Harvest Date: 09/11/2025  
Received: 01/22/2026

Sample ID: 2601SMAZ0143.0505  
Amount Received: 5.8 g  
Sample Type: Distillate  
Sample Collected: 01/22/2026 12:32:00  
Manufacture Date: 10/06/2025  
Published: 01/27/2026



## COMPLIANCE FOR RETAIL

### Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Pass	91.2169% Total THC
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass	0.2355% Total CBD

### Additional Analytes (Not Regulated)

Terpenes Total (Q3) Not Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested	0.4545% CBN
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested	2.5044% CBG

95.2642%  
Total Cannabinoids (Q3)

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**Certificate:** 20648

**Cannabinoid Profile**

**HPLC**

**Tested**

**Sample Prep**

**Batch Date:** 01/22/2026  
**SOP:** 418.AZ  
**Batch Number:** 5033  
**Test ID:** 112542

**Sample Analysis**

**Date:** 01/23/2026  
**SOP:** 417.AZ - HPLC  
**Sample Weight:** 0.044 g  
**Volume:** 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.5850	1.7760	2	0.5331	5.3310	
CBD	0.5850	1.7760	2	0.2355	2.3550	
CBDA	0.5850	1.7760	2	ND	ND	
CBDV	0.5850	1.7760	2	ND	ND	
CBG	0.5850	1.7760	2	2.5044	25.0440	
CBGA	0.5850	1.7760	2	ND	ND	
CBN	0.5850	1.7760	2	0.4545	4.5450	
d8-THC	0.5850	1.7760	2	ND	ND	
d9-THC	0.5850	1.7760	2	91.2169	912.1690	
THCA	0.5850	1.7760	2	ND	ND	
THCV	0.5850	1.7760	2	0.3198	3.1980	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	91.2169	912.1690	
Total CBD	0.2355	2.3550	
Total Cannabinoids	95.2642	952.6420	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)  
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

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## Microbial Analysis

**Pass**

### Sample Prep

**Batch Date:** 01/26/2026  
**SOP:** 412.AZ  
**Batch Number:** 5051  
**Test ID:** 112552

### Sample Analysis

**Date:** 01/27/2026  
**SOP:** 412.AZ - 3M Petrifilm  
**Sample Weight:** 1.011 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	

### Sample Prep

**Batch Date:** 01/26/2026  
**SOP:** 406.AZ  
**Batch Number:** 5047  
**Test ID:** 112553

### Sample Analysis

**Date:** 01/27/2026  
**SOP:** 406.AZ - qPCR (MG)  
**Sample Weight:** 1.006 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

### Sample Prep

**Batch Date:** 01/26/2026  
**SOP:** 406.AZ  
**Batch Number:** 5047  
**Test ID:** 112555

### Sample Analysis

**Date:** 01/27/2026  
**SOP:** 406.AZ - qPCR (MG)  
**Sample Weight:** 1.006 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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## Residual Solvents

HS-GC-MS

Pass

## Sample Prep

**Batch Date:** 01/23/2026  
**SOP:** 405.AZ  
**Batch Number:** 5038  
**Test ID:** 112543

## Sample Analysis

**Date:** 01/26/2026  
**SOP:** 405.AZ - HS-GC-MS  
**Sample Weight:** 0.053 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	62 / 189	1	1000	ND		Heptane	315 / 943	1	5000	ND	
Acetonitrile	26 / 77	1	410	ND		Hexanes	45 / 137	1	290	ND	
Benzene	0.13 / 0.38	1	2	ND		Isopropyl acetate	315 / 943	1	5000	ND	
Butanes	157 / 472	1	5000	ND		Methanol	189 / 566	1	3000	ND	
Chloroform	4 / 11	1	60	ND		Pentanes	315 / 943	1	5000	ND	
Dichloromethane	38 / 113	1	600	ND		2-Propanol (IPA)	315 / 943	1	5000	ND	
Ethanol	315 / 943	1	5000	ND		Toluene	57 / 168	1	890	ND	
Ethyl acetate	315 / 943	1	5000	ND		Xylenes	274 / 819	1	2170	ND	
Ethyl ether	315 / 943	1	5000	ND							

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**Heavy Metals**

ICP-MS

**Pass**

**Sample Prep**

**Batch Date:** 01/22/2026  
**SOP:** 428.AZ  
**Batch Number:** 5026  
**Test ID:** 112544

**Sample Analysis**

**Date:** 01/23/2026  
**SOP:** 428.AZ - ICP-MS  
**Sample Weight:** 0.214 g  
**Volume:** 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.056	0.187	10	0.4	ND	
Cadmium	0.056	0.187	10	0.4	ND	
Lead	0.056	0.467	10	1	ND	
Mercury	0.056	0.093	10	0.2	ND	

**Mycotoxin Analysis**

LC-MS/MS

**Pass**

**Sample Prep**

**Batch Date:** 01/23/2026  
**SOP:** 432.AZ  
**Batch Number:** 5040  
**Test ID:** 112546

**Sample Analysis**

**Date:** 01/27/2026  
**SOP:** 424.AZ - LC-MS/MS  
**Sample Weight:** 0.550 g  
**Volume:** 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.64	9.09	1	20	ND	R1
Aflatoxin B1	3.64	9.09	1		ND	I1, R1
Aflatoxin B2	3.64	9.09	1		ND	I1
Aflatoxin G1	3.64	9.09	1		ND	
Aflatoxin G2	3.64	4.55	1		ND	
Ochratoxin A	9.09	9.09	1	20	ND	I1, L1 V1

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**Pesticides, Fungicides, and  
Growth Regulators**  
**LC-MS/MS** **Pass**

**Sample Prep**

**Batch Date:** 01/23/2026  
**SOP:** 432.AZ  
**Batch Number:** 5040  
**Test ID:** 112545

**Sample Analysis**

**Date:** 01/27/2026  
**SOP:** 424.AZ - LC-MS/MS  
**Sample Weight:** 0.550 g  
**Volume:** 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.075 / 0.227	1	0.5	ND	I1, L1	Hexythiazox	0.152 / 0.455	1	1	ND	
Acephate	0.061 / 0.182	1	0.4	ND	L1	Imazalil	0.030 / 0.091	1	0.2	ND	
Acetamiprid	0.030 / 0.091	1	0.2	ND	L1	Imidacloprid	0.061 / 0.182	1	0.4	ND	
Aldicarb	0.061 / 0.182	1	0.4	ND		Kresoxim-methyl	0.061 / 0.182	1	0.4	ND	
Azoxystrobin	0.030 / 0.091	1	0.2	ND		Malathion	0.030 / 0.091	1	0.2	ND	L1
Bifenazate	0.030 / 0.091	1	0.2	ND		Metalaxyl	0.030 / 0.091	1	0.2	ND	
Bifenthrin	0.030 / 0.091	1	0.2	ND		Methiocarb	0.030 / 0.091	1	0.2	ND	
Boscalid	0.061 / 0.182	1	0.4	ND		Methomyl	0.061 / 0.182	1	0.4	ND	V1
Carbaryl	0.030 / 0.091	1	0.2	ND	L1	Myclobutanil	0.030 / 0.091	1	0.2	ND	L1 V1
Carbofuran	0.030 / 0.091	1	0.2	ND		Naled	0.075 / 0.227	1	0.5	ND	
Chlorantraniliprole	0.030 / 0.091	1	0.2	ND		Oxamyl	0.152 / 0.455	1	1	ND	
Chlorfenapyr	0.152 / 0.455	1	1	ND	L1	Paclobutrazol	0.061 / 0.182	1	0.4	ND	L1 V1
Chlorpyrifos	0.030 / 0.091	1	0.2	ND		Permethrins	0.030 / 0.091	1	0.2	ND	
Clofentezine	0.030 / 0.091	1	0.2	ND	L1	Phosmet	0.030 / 0.091	1	0.2	ND	L1 V1
Cyfluthrin	0.152 / 0.455	1	1	ND		Piperonyl Butoxide	0.303 / 0.909	1	2	ND	
Cypermethrin	0.152 / 0.455	1	1	ND		Prallethrin	0.030 / 0.091	1	0.2	ND	
Daminozide	0.152 / 0.455	1	1	ND	L1	Propiconazole	0.061 / 0.182	1	0.4	ND	L1 V1
Diazinon	0.030 / 0.091	1	0.2	ND		Propoxur	0.030 / 0.091	1	0.2	ND	
Dichlorvos	0.015 / 0.045	1	0.1	ND		Pyrethrins	0.127 / 0.381	1	1	ND	
Dimethoate	0.030 / 0.091	1	0.2	ND		Pyridaben	0.030 / 0.091	1	0.2	ND	
Ethoprophos	0.030 / 0.091	1	0.2	ND		Spinosad	0.030 / 0.091	1	0.2	ND	
Etofenprox	0.061 / 0.182	1	0.4	ND	L1	Spiromesifen	0.030 / 0.091	1	0.2	ND	
Etoxazole	0.030 / 0.091	1	0.2	ND		Spirotetramat	0.030 / 0.091	1	0.2	ND	L1 V1
Fenoxy carb	0.030 / 0.091	1	0.2	ND		Spiroxamine	0.061 / 0.182	1	0.4	ND	
Fenpyroximate	0.061 / 0.182	1	0.4	ND		Tebuconazole	0.061 / 0.182	1	0.4	ND	L1 V1
Fipronil	0.061 / 0.182	1	0.4	ND	I1, L1	Thiacloprid	0.030 / 0.091	1	0.2	ND	
Flonicamid	0.152 / 0.455	1	1	ND	L1 V1	Thiamethoxam	0.030 / 0.091	1	0.2	ND	V1
Fludioxonil	0.061 / 0.182	1	0.4	ND		Trifloxystrobin	0.030 / 0.091	1	0.2	ND	

**Ahmed Munshi**

Technical Laboratory Director

*AH Munshi*

**Smithers CTS Arizona LLC**

734 W Highland Avenue, 2nd Floor  
 Phoenix, AZ 85013  
 (602) 806-6930



Accreditation #: 103104

The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04.

This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



**MDM Prime LLC**  
2015 N Forbes  
Suite 110  
Tucson, AZ 85745  
License #: 00000039DCVR00320237  
Sample ID: 2601SMAZ0143.0505  
Batch #: OGZD-VE6251



**SMITHERS**

**CERTIFICATE OF ANALYSIS**

License #: 00000020LCVT89602592

**Certificate:** 20648

**Qualifier Legend**

**B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.

**B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.

**D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.

**I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.

**L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.

**M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.

**M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.

**M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.

**M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.

**M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.

**M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).

**Q1** Sample integrity was not maintained.

**Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.

**Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.

**R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.

**R2** The relative percent difference for a sample and duplicate exceeded the limit.

**V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

**Cultivated By:**

**Manufactured By:**

**Disclaimer:** Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

**Ahmed Munshi**

Technical Laboratory Director

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**Notes:**



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