

STATE OF COLORADO
Department of State

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Jena Griswold
Secretary of State

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Director, Elections Division

CALCULATION OF SUFFICIENCY OF SIGNATURES
USING RANDOM SAMPLE

INITIATIVE: 2019-2020 #306 State Income Tax Reduction

Signatures required by law: 124,632

90% of required signatures: 112,169

110%: of signatures: 137,096

Number of entries submitted: 198,538

5% of entries submitted: 9,927

Number of signatures accepted: 7,003

Number of signatures rejected: 2,924

$$\frac{7003}{\text{Number of accepted signatures}} \div \frac{9927}{\text{Number of entries checked}} = \frac{.705450}{\text{Multiplier to 6 digits}}$$

$$\frac{.705450}{\text{Multiplier}} \times \frac{198,538}{\text{Entries submitted}} = \frac{140,058}{\text{Presumed valid signatures}}$$

$$\frac{140,058}{\text{Presumed valid signatures}} \div \frac{124632}{\text{Required signatures}} = \frac{112.38\%}{\% \text{ of required signatures}}$$

Action Required: X Issue statement of sufficiency
 Issue statement of insufficiency
 Conduct check of all signatures

Calculated by: Jeff Mustin *JM* Date: 8/17/20