



PT.SUMATRA TOBACCO TRADING COMPANY

BRAVO RED KS HLP

Date : November 12, 2019
Manufacturer : PT.Sumatra Tobacco Trading Company
Country of Origin : Indonesia

Physical Specification

Cigarette Length	83 mm
Tobacco Length	63 mm
Tipping Paper Length	25 mm
Filter Length	20 mm
Cigarette Diameter	7.85 mm
Pressure Drop Cigarette	100 ±10 mmH2O
Cigarette Weight	0.93 g
Tobacco weight	730 mg/cig.

Ingredient

Ingredient	CAS Number	Amount
Tobacco	N/A	730 mg/cig.
Ethanol	64-17-5	1.4 %
Propylene Glycol	57-55-6	2.0 %
Water	7732-18-5	0.6 %
Virginia flavor	Various	2.0 %
Cigarette Flavor	Various	0.2 %
Burley casing conc	Various	0.2 %
Cocoa powder	84649-99-0	0.2 %
Licorice powder	68916-91-6	0.2 %
Fructose	57-48-7	1.0 %

Smoke Analysis Results

Puff	10.02 puff/cig.
TPM	19.90 mg/cig.
Water content	2.32 mg/cig.
Nicotine	1.37 mg/cig.
Tar	16.21 mg/cig.
CO	14.48 mg/cig.

Approved by,

Lie Wie Jen
QA Manager – PT. STTC



PT.SUMATRA TOBACCO TRADING COMPANY

BRAVO BLUE KS HLP

Date : November 13, 2019
Manufacturer : PT.Sumatra Tobacco Trading Company
Country of Origin : Indonesia

Physical Specification

Cigarette Length	83 mm
Tobacco Length	63 mm
Tipping Paper Length	25 mm
Filter Length	20 mm
Cigarette Diameter	7.85 mm
Pressure Drop Cigarette	100 ±10 mmH2O
Cigarette Weight	0.91 g
Tobacco weight	700 mg/cig.

Ingredient

Ingredient	CAS Number	Amount
Tobacco	N/A	700 mg/cig.
Ethanol	64-17-5	1.4 %
Propylene Glycol	57-55-6	2.0 %
Water	7732-18-5	0.6 %
Virginia flavor	Various	2.0 %
Cigarette Flavor	Various	0.2 %
Burley casing conc	Various	0.2 %
Cocoa powder	84649-99-0	0.2 %
Licorice powder	68916-91-6	0.2 %
Fructose	57-48-7	1.0 %

Smoke Analysis Results

Puff	10.70 puff/cig.
TPM	16.40 mg/cig.
Water content	1.46 mg/cig.
Nicotine	1.30 mg/cig.
Tar	13.64 mg/cig.
CO	10.74 mg/cig.

Approved by,

Lie Wie Jen
QA Manager – PT. STTC



PT.SUMATRA TOBACCO TRADING COMPANY

BRAVO GOLD KS HLP

Date : November 12, 2019
Manufacturer : PT.Sumatra Tobacco Trading Company
Country of Origin : Indonesia

Physical Specification

Cigarette Length	83 mm
Tobacco Length	63 mm
Tipping Paper Length	25 mm
Filter Length	20 mm
Cigarette Diameter	7.85 mm
Pressure Drop Cigarette	100 ±10 mmH2O
Cigarette Weight	0.92 g
Tobacco weight	710 mg/cig.

Ingredient

Ingredient	CAS Number	Amount
Tobacco	N/A	710 mg/cig.
Ethanol	64-17-5	1.4 %
Propylene Glycol	57-55-6	2.0 %
Water	7732-18-5	0.6 %
Virginia flavor	Various	2.0 %
Cigarette Flavor	Various	0.2 %
Burley casing conc	Various	0.2 %
Cocoa powder	84649-99-0	0.2 %
Licorice powder	68916-91-6	0.2 %
Fructose	57-48-7	1.0 %

Smoke Analysis Results

Puff	11.25 puff/cig.
TPM	10.48 mg/cig.
Water content	0.64 mg/cig.
Nicotine	0.82 mg/cig.
Tar	9.02 mg/cig.
CO	6.34 mg/cig.

Approved by,

Lie Wie Jen
QA Manager – PT. STTC