

- Summary Report -

Test Product: Bronchogen 20mg

Receive Date: 08-14-26

Client:

Batch/Lot #: UTBRON20072325

Description: 3ml glass vial of white lyophilized powder. (Clear Blue Cap / Green Crimp) combet.

COMPONENT	TEST	SPECIFICATION	RESULT
Bronchogen	Qualitative ID Lambda Max	TS $\lambda_{\max}$ is a match compared to its characteristic reference standard.	Matches ∴ Pass
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	99.7% ∴ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) $\% = (A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	21.30mg ∴ Pass

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

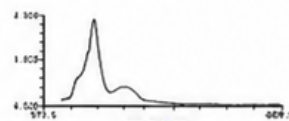
Discussion:

Sample received sealed and in good condition.

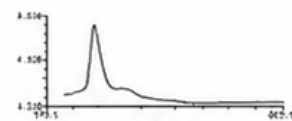


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Spectrum Mode.....
Instrument Id:      67xx V1.65.1
User Name:         Generic
Method:            Default Method
Batch Id:          Default Batch
Wavelength Range: 190.0nm - 400.0nm
Plot Interval:     0.1nm
Measurement Mode:  Absorbance
Method Security:   Personal
Auto-Scale:        On
Y-Axis Minimum:    -0.3
Y-Axis Maximum:    3.0
Baseline:          23:16:59 08/17/26
=====
Spectrum Mode.....
Instrument Id:      67xx V1.65.1
User Name:         Generic
Method:            Default Method
Batch Id:          Default Batch
Wavelength Range: 190.0nm - 400.0nm
Plot Interval:     0.1nm
Measurement Mode:  Absorbance
Method Security:   Personal
Auto-Scale:        On
Y-Axis Minimum:    -0.3
Y-Axis Maximum:    3.0
Baseline:          18:54:14 03/31/26
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**BRO
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Peaks & Valleys

221.1, 1.920

Peaks & Valleys

221.1, 0.538

Performing Analyst Initial & Date:  **23 August 2026**

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