



LC Sprint Nebuliser

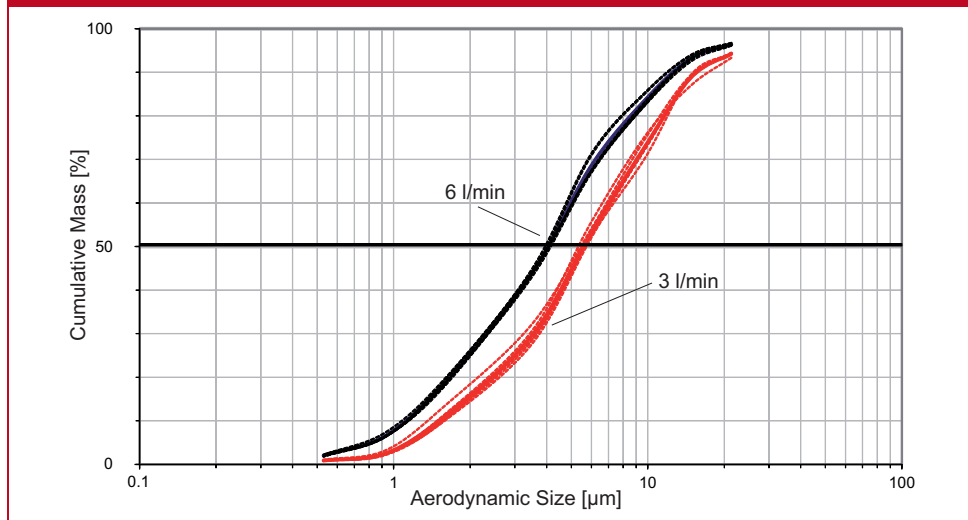
Aerosol characteristics in accordance with DIN EN 13544-1 appendix CC

Information as of: March 2011

1 How the particle size was determined

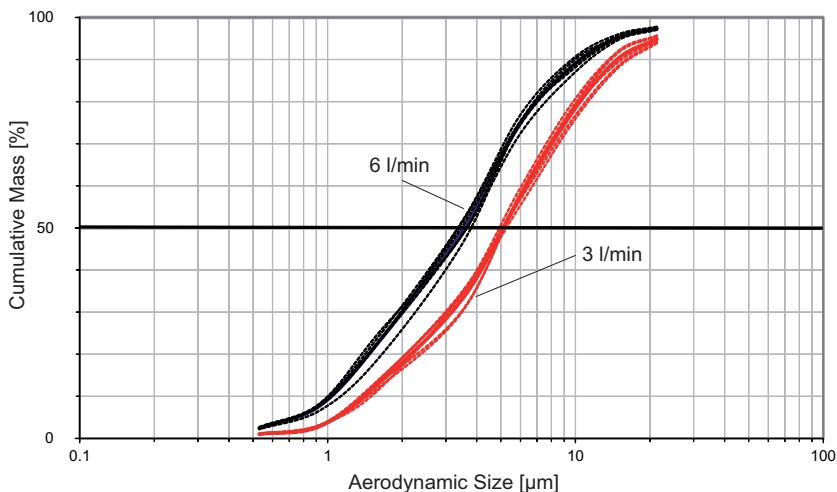
Parameter	
Measurement duration	3 min
Fill volume	3 ml
Test solution	Sodium fluoride (2.5%)
Test instrument	Marple cascade impactor
Minimum flow	3 l/min
Maximum flow	6 l/min

Result for PARI LC SPRINT (adults)^{a)}



a. Averages from each of 2 separate measurement series with 3 nebuliser/compressed air combinations

Result for PARI LC SPRINT Junior^{a)}



2 Determination of aerosol output

The aerosol output is the quantity of aerosol that the nebuliser system emits at a given fill volume.

Parameter

Fill volume	2 ml
Test solution	Sodium fluoride, 1%
Test instrument	PARI COMPASS Breath Simulator
Measurement duration	Until the aerosol escapes irregularly, plus 1 minute

Aerosol output in [ml]^{a)}

	for minimum flow (3 l/min)	for maximum flow (6 l/min)
LC SPRINT (adults)	0.43	0.45
LC SPRINT Junior	0.48	0.49

a. Averages from each of 2 separate measurement series with 3 nebuliser/compressed air combinations

3 Determination of aerosol output rate

The aerosol output rate is the quantity of aerosol that the nebuliser emits over a given period.

Parameter	
Fill volume	2 ml
Test solution	Sodium fluoride, 1%
Test instrument	PARI COMPASS Breath Simulator
Measurement duration	1 minute

Aerosol output rate in [ml/min] ^{a)}		
	at minimum flow (3 l/min)	at maximum flow (6 l/min)
LC SPRINT (adults)	0.10	0.21
LC SPRINT Junior	0.08	0.23

- a. Averages from each of 2 separate measurement series with 3 nebuliser/compressed air combinations

Spezialisten für effektive Inhalation



PARI GmbH

Moosstrasse 3 • D-82319 Starnberg • Germany

E-Mail: info@pari.de • www.pari.de