

**QUALITY CERTIFICATE**

Product name: THEOPHYLLINE  
Quality: Ph.Eur.9.0.  
Package: 100 g  
Formula: C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>  
Rel. mol. weight: 180,17  
Lot No.: FZ7453475  
Manufacturing date: 01.2018.  
Expiry date: 03.03.2025. (DMY)  
Anal. No.: 14216H53475

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance	white or almost white crystalline powder	off white cristic powder
Identity	identical	identical
Melting range	270-274 °C	274,2-272,6 °C
Appearance of solution	passes test	passes test
Acidity	passes test	passes test
Related substances (each)	max.0,1 %	<0,05 %
Any other impurity	max.0,1 %	<0,05 %
Related substances (total impurities)	max.0,5 %	<0,05 %
Loss on drying (105 □C)	max.0,5 %	0,057 %
Sulphated ash	max.0,1 %	0,0 %
Heavy metals (Pb)	max.20 ppm	<20 ppm
Assay (anhydr. substance)	99,0-101,0 %	100,20 %

**The Product complies with the requirements of Ph.Eur.9.0.**

Kiállítva: Halásztelek, 2023.03.31.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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Cégj.sz.: 13-09-1. 67293