

**QUALITY CERTIFICATE**

Product name: BISMUTH SUBNITRATE, HEAVY  
Quality: Ph.Eur.10.0.  
Package: 50 g  
Formula:  $4\text{BiNO}_3(\text{OH})_2\text{BiO}(\text{OH})$   
Rel. mol. weight: 1462,00  
Lot No.: EY6546932  
Manufacturing date: 06.2020.  
Expiry date: 30.06.2025. (DMY)  
Anal. No.: 84744H46932

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	white or almost white powder	white powder
Assay (Bi)	71,0-74,0 %	73,8 %
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'C'	identical	identical
Solubility	practically insoluble in water and in ethanol (96 per cent), it dissolves in mineral acids with decomposition	passes test
Acidity	passes test	passes test
Chloride	max.200 ppm	<200 ppm
Copper (Cu)	max.50 ppm	<50 ppm
Lead (Pb)	max.20 ppm	<20 ppm
Silver (Ag)	max.25 ppm	<25 ppm
Substances not precipitated by ammonia solution	max.1,0 %	0,52 %
Loss on drying (105 °C)	max.3,0 %	2,94 %

**The Product complies with the requirements of Ph.Eur.10.0.**

Kiállítva: Halásztelek, 2021.01.26.

*Madarassy Zsolt*

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Minőségbiztosítási vezető

