

**QUALITY CERTIFICATE**

Product name: BISMUTH SUBGALLATE  
Quality: Ph.Eur.11.0.  
Package: 5 kg  
Formula:  $C_7H_5BiO_6$   
Rel. mol. weight: 394,09  
Lot No.: GF4862346  
Manufacturing date: 06.2023.  
Expiry date: 31.08.2028. (DMY)  
Anal. No.: 15770H62346

	<b>REQUIRED</b>	<b>MEASURED</b>
Appearance:	yellow powder	yellow powder
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Assay (Bi, dried substance)	48,0-51,0 %	49,86 %
Solubility	practically insoluble in water and in ethanol (96 per cent)	practically insoluble in water and in ethanol (96 per cent)
Acidity	passes test	passes test
Chloride	max.200 ppm	<200 ppm
Nitrate	max.0,2 %	<0,2 %
Copper (Cu)	max.50 ppm	<0,7 ppm
Lead (Pb)	max.20 ppm	1,2 ppm
Silver (Ag)	max.25 ppm	0,5 ppm
Substances not precipitated by ammonia solution	max.1,0 %	0,54 %
Loss on drying (105°C, 3h)	max.7,0 %	4,6 %

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.11.16.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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