

CERTIFICATE OF ANALYSIS**DATE: 01.11.22**

Product name: Ethylthiobenzimidazol hydrobromide			
Batch No.	011122	Batch Quantity	50 kg
CAS No.	109628-14-0	Molecular Formula	C ₉ H ₁₀ N ₂ S HBr
Mfg. Date	11/2022	Exp. Date	11/2025

No.	Test	Specification	Result
1	Description	White or off-white crystalline powder	White crystalline powder
2	Assay	Not less than 99,0 (calculated on the dried product)	99,7 %
3	Identification 3.1 IR 3.2 UV 3.3 Qualitative reaction	The IR spectrum of the product according to the product monograph of the absorption bands should concordant to the standard IR spectrum Qualitative reaction with ninhydrin solution. The color of the solution in the purple color	conforms conforms
4	Solubility	Easily soluble in 95% Ethanol, slightly soluble in chloroform	Conforms
5	Melting temperature	166 °C to 172 °C	171,6 °C
6	pH	2,5 to 3,0 (2,0 % solution in water)	2,7
7	Residual organic solvent	Ethanol – not more than 0,5%	0,04%
8	Impurities	Not more than 0,5 %	Less than 0,5 %
9	Storage	in the light protected place at a temperature no higher than 25°C	

This is a computerized reproduced printout and hence does not need any signatures.

Disclaimer: this COA has been reproduced on the basis of COA received from the Manufacturer.

This is only reproduction for references and we do not assume any liability or engagement thereof.