



大连汉德姆精细化学品有限公司

**DALIAN HANDOM CHEMICALS CO.,LTD.**

### Certificate of Analysis

**Chemical Name:** 2-Phenylbenzimidazole-5-Sulfonic Acid

**CAS No.:** 27503-81-7

**Manufacturing Date:** Jul 12<sup>th</sup>, 2023

**Quantity:** 2000kg

**Batch No.:** HDC20230712

**Molecular Formula:** C<sub>13</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

**Retest Date:** Jul 11<sup>th</sup>, 2025

**Report Date:** Jul 13<sup>th</sup>, 2023

Test Items	Specifications	Test Methods	Test Results
Appearance	White to off-white powder	---	Conforms
Identity(UV)	Corresponds to the Standard	UV USP<197U>	Conforms
Identity(IR)	Corresponds to the Standard	UV USP<197K>	Conforms
Assay(On Dried Basis)	98.0% ~ 102.0%	USP Monograph: Ensulizole	101.1%
UV specific extinction (E1%, 1cm at 302±2nm)	920 ~ 1000	Spectrophotometric	936
Loss on Drying	Not more than 2.0%	USP Monograph: Ensulizole	0.24%

**Conclusion:** The testing results of this batch are complied with the Enterprise Standard.