



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: Sep 20th, 2022

Quantity: 1000kg

Batch No.: HDC20220920

Molecular Formula: C₁₃H₁₀N₂O₃S

Retest Date: Sep 19th, 2024

Report Date: Sep 21st, 2022

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	100.8%
UV specific extinction (E1%, 1cm at 302±2nm)	920~1000	Spectrophotometric	931
Loss on Drying	Not more than 2.0%	USP Monograph: Ensulizole	0.39

Conclusion: The batch of products is complied with the Enterprise Standard.