



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: 4-[1-(2,3-DIMETHYLPHENYL)ETHYL]-1H-IMIDAZOLE

CAS No.: 86347-14-0

EINECS No.: 1592732-453-0

Molecular Formula: C₁₃H₁₆N₂

Molecular Weight: 200.28

Batch No.: HDC20230909

Batch Quantity: 100.00kg

Manufacturing Date: Sep 9th, 2023

Retest Date: Sep 8th, 2025

Test Items	Specifications	Test Results
Appearance	Off-white to white powder	Off-white powder
Residue on Ignition	Not more than 0.2%	0.05%
Related Substances	Individual impurity: ≤0.2%	0.031%
	Total impurities: ≤1.0%	0.077%
Heavy Metals	Not more than 20 ppm	<20 ppm
Loss on Drying	Not more than 1.0%	0.060%
Assay (on the anhydrous basis)	98.0% ~ 102.0%	99.9%

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

Storage Conditions: Preserved in tight, light-resistant containers; kept at room temperature away from heat and moisture.