



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

质检报告单

Certificate of Analysis

品名Product Name: 二芥酰磷脂酰胆碱1,2-Dierucoyl-sn-glycero-3-phosphocholine

CAS号CAS No.: 51779-95-4

分子式Molecular Formula: C<sub>52</sub>H<sub>100</sub>NO<sub>8</sub>P

批号Batch No.: HDC20230408

批次数量Batch Quantity: 11.42Kg

生产日期MFG. Date: Apr 8<sup>th</sup>, 2023

复检日期Retest Date: Apr 7<sup>th</sup>, 2025

报告日期Report Date: Apr 8<sup>th</sup>, 2023

检验依据Test Based On: 企业内控标准STP-QS-503

检测项目Test Items		标准Specifications	检测结果Test Results
外观 Appearance		本品为白色至类白色粉末, 或含有结块或颗粒 This product is white to off-white powder, or may contain agglomerates or particles.	符合标准 Conforms
鉴别 Identification	红外光谱 Infrared Spectroscopy	应与对照品的图谱一致 Should be consistent with the spectrum of the reference substance.	符合标准 Conforms
	薄层色谱 Thin-Layer Chromatography	供试品溶液所显示主斑点的位置和颜色应与对照品溶液的主斑点相同 The position and color of the main spots displayed by the test solution should be the same as those of the reference solution.	符合标准 Conforms
溶血磷脂酰胆碱与其他未知物 Lysophosphatidylcholine and other unknown substances		溶血磷脂酰胆碱不得超过0.5% Lysophosphatidylcholine: NMT 0.5%	符合标准 Conforms
		其他未知物不得超过0.5% Other unknown substances: NMT 0.5%	符合标准 Conforms
游离脂肪酸Free fatty acids		不得超过0.3% NMT 0.3%	符合标准Conforms
水分Water		不得超过2.0% NMT 2.0%	0.6%
过氧化值Peroxide Value		不得超过5.0 NMT 5.0	2.0
芥酸纯度Purity of erucic acid		不得少于99.0% NLT 99.0%	99.8%
重金属Heavy Metals		不得超过10ppm NMT 10ppm	符合标准Conforms
砷盐Arsenic		不得超过0.0002% NMT 0.0002%	符合标准Conforms
磷Phosphorus		应为3.3%~3.5% Should be between 3.3% and 3.5%	3.3%
残留溶剂 Residual Solvents		丙酮不得超过0.5% Acetone: NMT 0.5%	未检出Not detected
		二氯甲烷不得超过0.06% Dichloromethane: NMT 0.06%	未检出Not detected
		三氯甲烷不得超过0.006% Chloroform: NMT 0.006%	未检出Not detected



大连汉德姆精细化学品有限公司  
DALIAN HANDOM CHEMICALS CO.,LTD.

质检报告单  
Certificate of Analysis

细菌内毒素 Bacterial endotoxin	每1克中含细菌内毒素的量应小于12.5EU The amount of bacterial endotoxin per 1 gram should be less than 12.5EU	符合标准 Conforms
微生物限度 Microbial Limit	需氧菌总数不得超过1000CFU/g The total number of aerobic bacteria shall not exceed 1000CFU/g	30CFU/g
	霉菌和酵母菌总数不得超过100CFU/g The total number of molds and yeasts shall not exceed 100CFU/g	50CFU/g
	每1克供试品中不得检出大肠埃希菌 Escherichia coli shall not be detected in every 1 gram of the test product	未检出 Not detected
含量 Content	按无水物计算, 含C <sub>52</sub> H <sub>100</sub> NO <sub>8</sub> P应为98.0%~102.0% Calculated on the anhydrous basis, the content of C <sub>52</sub> H <sub>100</sub> NO <sub>8</sub> P should be between 98.0% and 102.0%	100.1%
结论 Conclusion	本品按企业内控标准STP-QS-503检测, 以上项目均符合标准。 This product is tested according to the enterprise internal control standard STP-QS-503, and the above items are all in compliance with the standard.	



化验员(Analyst): 王蕊

QC复核员(QC Rechecker): 赵萍

QA复核员(QA Rechecker): 孙峰