



# 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: 二棕榈酰磷脂酰甘油钠盐1,2-dipalmitoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

CAS号CAS No.: 200880-41-7

分子式Molecular Formula: C<sub>38</sub>H<sub>74</sub>NaO<sub>10</sub>P

批号Batch No.: HDC20231120

批次数量Batch Quantity: 1.40Kg

生产日期MFG. Date: Nov 20<sup>th</sup>, 2023

复检日期Retest Date: Nov 19<sup>th</sup>, 2025

报告日期Report Date: Nov 20<sup>th</sup>, 2023

检验依据Test Based On: 企业内控标准STP-QS-505

检测项目Test Items		标准Specifications	检测结果Test Results
外观 Appearance		本品应为白色至类白色粉末 This product should be white to off-white powder	符合标准 Conforms
鉴别 Identification	红外光谱 Infrared Spectroscopy	本品的红外光吸收图谱应与对照品的图谱一致 The infrared absorption spectrum of this product should be consistent with that 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
有关物质 Related Substances		杂质A不得超过0.5% Impurity A: NMT 0.5%	未检出Not detected
		杂质B不得超过0.5% Impurity B: NMT 0.5%	0.2%
		杂质C不得超过0.5% Impurity C: NMT 0.5%	未检出Not detected
		其他单个杂质不得超过0.5% Other individual impurities: NMT 0.5%	0.4%
		其他杂质总量不得超过1.0% The total amount of other impurities: NMT 1.0%	0.6%
游离脂肪酸Free fatty acids		不得超过0.3% NMT 0.3%	符合标准Conforms
棕榈酸纯度Purity of palmitic acid		不得少于98.0% NLT 98.0%	99.7%
水分Water		不得超过2.0% NMT 2.0%	0.2%
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
钙Calcium		不得超过0.0250% NMT 0.0250%	0.0033%
钠Sodium		按无水物计, 应为3.1%~3.3% Should be between 3.1% and 3.3% (Calculated on the anhydrous basis)	3.1%



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磷Phosphorus	按无水物计, 应为4.1%~4.3% Should be between 4.1% and 4.3% (Calculated on the anhydrous basis)	4.2%
残留溶剂 Residual Solvents	丙酮不得超过0.5% Acetone: NMT 0.5%	未检出Not detected
	甲醇不得超过0.3% Methanol: NMT 0.3%	0.0002%
	四氢呋喃不得超过0.072% Tetrahydrofuran(THF): NMT 0.072%	未检出Not detected
	三氯甲烷不得超过0.006% Chloroform: NMT 0.006%	0.0006%
	正己烷不得超过0.029% n-Hexane: NMT 0.029%	0.0003%
	乙酸不得超过0.5% Acetic Acid: NMT 0.5%	0.002%
细菌内毒素 Bacterial endotoxin	每1毫克中含细菌内毒素的量应小于0.3EU The amount of bacterial endotoxin per 1 mg should be less than 0.3EU	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	40CFU/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	20CFU/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>38</sub> H <sub>74</sub> NaO <sub>10</sub> P不得少于98.0% Calculated on the anhydrous basis, the content of C <sub>38</sub> H <sub>74</sub> NaO <sub>10</sub> P shall not be less than 98.0%	99.2%
结论 Conclusion	本品按企业内控标准STP-QS-505检测, 以上项目均符合标准。 This product is tested according to the enterprise internal control standard STP-QS-505, 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