



Jinan Huashihang Chemical Co., Ltd

Email: sales@hshindustry.com Tel: +86 16666563950 Web: www.hshindustry.com

Add: No.36, South Gongye Road, High-Tech Zone, Jinan City, China

CERTIFICATE OF ANALYSIS

Product Name	Lauroyl Lysine		
CAS	52315-75-0	Quantity	100kg
Report Date	July 16,2025	Batch No	HSH20250715
MFG. Date	July 15,2025	EXP. Date	July 15,2029

Test Item	Specification	Result
Appearance	White powder	White powder
Matching rate(IR)	$\geq 98.00\%$	98.10%
Assay	$\geq 97.00\%$	98.80%
Solubility	Almost insoluble in all solvent types, except for strong acid or alkaline solutions	conform
thermal stability	165°C for 3 hours, color does not change significantly	conform
Melting Point	229.0-242.0°C	235.8°C
Loss on drying	$\leq 1.00\%$	0.10%
Total colony count	$\leq 100.00\text{cfu/g}$	conform
Heavy metals	$\leq 20.00\text{ppm}$	conform
Lead	$\leq 10.00\text{ppm}$	conform
Cadmium	$\leq 5.00\text{ppm}$	conform
Arsenic	$\leq 2.00\text{ppm}$	conform



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Mercury	$\leq 1.00\text{ppm}$	conform
Conclusion	The Results Conforms to Enterprise Standard.	

ANALYST: Ling Du

CHECKER: Lei Huang

Q.C.DIRECTOR: Yuxia Niu

Huashihang Chemical