



杭州海蓝化工有限公司
HANGZHOU HAILAN CHEMICAL CO.,LTD

CERTIFICATE OF ANALYSIS

COA No.:08202401221

Product Name	TRANS-4-(4-PROPYLCYCLOHEXYL)-CYCLOHEXANONE
CAS Registry number	82832-73-3
Structure	
MF&MW	C15H26O- & 222.37
Batch number	202312021
Date of manufacture	20231202
Expiry date	20241201

Index Name	Specifications	Results
Appearance	White solid or colorless transparent liquid	White solid
Purity by GC	99.9%min	99.95%
Water	500ppm	410ppm
Content of cis	100ppm max	68ppm
High-boiling residues	50ppm max	22ppm
4-(4-Ethylcyclohexyl)Cyclohexanone	10ppm max	Pass
4-(4-methylcyclohexyl)Cyclohexanone	30ppm max	Pass
4-(4-Butylcyclohexyl) cyclohexanone	30ppm max	Pass
4-(4-Pentylcyclohexyl)cyclohexanone	40ppm max	Pass
4-(4-Heptylcyclohexyl)cyclohexanone	10ppm max	Pass
trans-4-(trans-4-propylcyclohexyl)cyclohexanol	30ppm max	Pass
Conclusion	Conforms to in-house standard	

HANGZHOU HAILAN CHEMICAL CO., LTD.
QUALITY CONTROL DEPARTMENT