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CERTIFICATE OF ANALYSIS

Product name	N,N-Dimethyldodecylamine
CAS NO	112-18-5
Batch No	190501
Quantity	3600kg
Manufacture date	2019 05 01
Analysis date	2019 05 01
Quality Standard	The enterprise standard

Inspection	Standard	Test Results
Appearance	Colorless transparent liquid	Conforms
Water	$\leq 0.3\%$	0.04%
Color	≤ 30 Hazen	5Hazen
Tertiary amine	$\geq 97\%$	98.3%
Total amine value	255.0-263.0mg/g	259.0mg/g
Primary,Secondary amine	$\leq 1.0\%$	0.40%
Main components	$\geq 95\%$	96.9%
Conclusion	The result conforms to the enterprise standard as above	

Q.C.Director:

Analyst:

Collator:

