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CERTIFICATE OF ANALYSIS

IRGANOX 1135

Product specification PS-439 Version 5 effective from: 07-Feb-2011

Analytical Method: KBC-439

Lot: 0018289162

Manufacturing date: 19-Dec-2017

Testing date: 19-Dec-2017

Note: Batch 34 and 35.

Criteria	Results	Units	Requirements
Appearance	PASS		colorless to slightly yellow liquid
Clarity of solution	PASS		clear solution
Color value APHA	3		≤ 100
Assay	99.3	%	≥ 98.0

Maximum recommended storage time under suitable conditions (dry and cool) beyond testing date: 36 months

Density at 20 deg.C: 0.950-0.999 g/cm³

Refractive index at 20 deg.C: 1.493-1.499

Acid number: ≤ 1.0 mg KOH/g

Kinematic viscosity at 40 deg.C: 95-150 mm²/s

Water: $\leq 0.1\%$

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