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Certificate of Analysis

Catalogue Number	37715
Product	1-Chloro-2,2,2-trifluoroethyl difluoromethyl
Lot Number	002948-597230401
	2-Chloro-2-(difluoromethoxy)-1,1,1-trifluoroethane
	Isoflurane
CAS Number	26675-46-7
Molecular Formula	C ₃ H ₂ ClF ₅ O
Molecular Weight	184.49

Appearance	A clear, colorless, volatile liquid
Odor	A slight odor
Refractive Index	n ₂₀ /D 1.2997
Anion	Chloride (Cl) : 0.155 ml Fluoride (F) : 0.02 ug/ml
Water Content (Karl Fisher)	0.048%
Acidity & Alkalinity	The aqueous layer is neutral to litmus paper. The aqueous phase should not turn the red litmus paper blue, nor should it turn the blue litmus paper red.
Non-Volatile Matter	0.23 mg
Related Substances	Related compound A and B : Not detected Dichloroisoflurane : Not detected Isoflurane isomer : Not detected Chloroisoflurane : Not detected Acetone : Not detected Any other individual impurity : 0.000096% Total impurities : 0.00018%
Assay	99.99%
Grade	Meets USP Specification
Storage	Store at 2 - 8 °C
Additional Information	Identification : Infrared spectrum : Conforms to structure

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager