

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	34042
Lot Number	000703-153493
Product	Cumin seed oil
CAS Number	8014-13-9

Appearance	Light yellow to dark brown liquid
Solubility	In Alcohol : To pass test Relatively soluble in most fixed oils and mineral oil, Very soluble in glycerine and propylene glycol.
Odor	Strong and somewhat disagreeable odor
Specific Gravity	0.917 at 25 °C
Refractive Index	n ₂₀ /D 1.502
Optical Rotation	[α] _D ²⁰ = 4.9 °
Assay	52.2% (Calculated as Cumin aldehyde)
Grade	Natural, FG, KOSHER, FEMA 2
Storage	Store at RT
Additional Information	Identification : Passes test
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