

EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net



Features

• Measurment of speed oil and moisture content

>> Configuration

- Magnetic field strength : 0.28 ± 0.05T
- Probi size : Ø 40mm
- Effective detection area : Ø 40mm x H30mm
- Weight : 85 kg
- Footprint : 1685mm x 520mm x 386mm

Application Indexes

- Minimum detection limit : 100 mg water
- Sample height <30 mm
- Test range of seeds oil content : 0.03% ~ 100%
 Accuracy : RD < 2% (compared with Soxhlet extraction method)
- Repeatability : RSD <2%, Reliability : RSD<2%
 RSD : Relative standard deviation
 RD : Relative deviation

Oil contents	s in sunflower s	eeds NMR vs	. Soxhlet extrac	tor
No.	Sample 1	Sample 2	Sample 3	Sample 4
NMR(%)	45.87	46.53	45.57	45.96
Soxhlet extractor(%)	46.35	46.13	46.27	46.53
Std Dev(%)	1.04	0.87	1.51	1.23
Water conte	ents in sunflowe	r seeds NMR	vs. Drying met	nod
No.	Sample 1	Sample 2	Sample 3	Sample 4
NMR(%)	6.41	6.37	6.6	6.42
Drying Method(%)	6.68	6.51	6.41	6.51
Std Dev(%)	4.04	2.15	2.96	1.38

02

>> Application Example



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicin	g:HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most
	affordable cost.
Trainings	:We also take up preventive Maintenace to reduce downtime of HPLC's Trainings.
AMC's/CMC	:AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-
	shooting.
Validations	:Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.
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Instruments :Instruments :We offer instruments/Renting Services Modules like pumps, detector etc. on Rent.

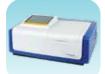




About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufaturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies







Optical Emission Spectrophotometer





Optima Gas Chromatograph 3007



Semi Auto Bio Chemistry Analyzer



2979 Plus



HEMA 2062 Hematology Analyzer



Flash Chromatograph



Micro Plate Reader/Washer





Spectrophotometer

URINOVA 2800

Urine Analyzer



Liquid Partical Counter



Total Organic Carbon 3800







Fully Automated CLIA

NOVA-2100 Chemistry Analyzer

DSC/TGA

PCR/Gradient PCR/ RTPCR

TOC Analyzer Laser Particle Size Analyzer

Ion Chromatograph

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



1.Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personallities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.





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