

ICG **INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 06-1374

Product Name: **5-AMINOSALICYLIC ACID**
(5-Amino-2-hydroxybenzoic acid)

CAS Number: [89-57-6]

Lot Number: 1508645

Chemical Formula: C₇H₇NO₃

Molecular Weight: 153.14

Appearance: Off white powder

Melting Point: 273-275°C

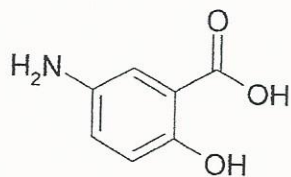
TLC: Acetic acid:t-Butanol (1:1)

Solubility: Soluble in DMSO

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.87%





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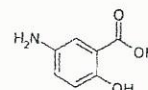
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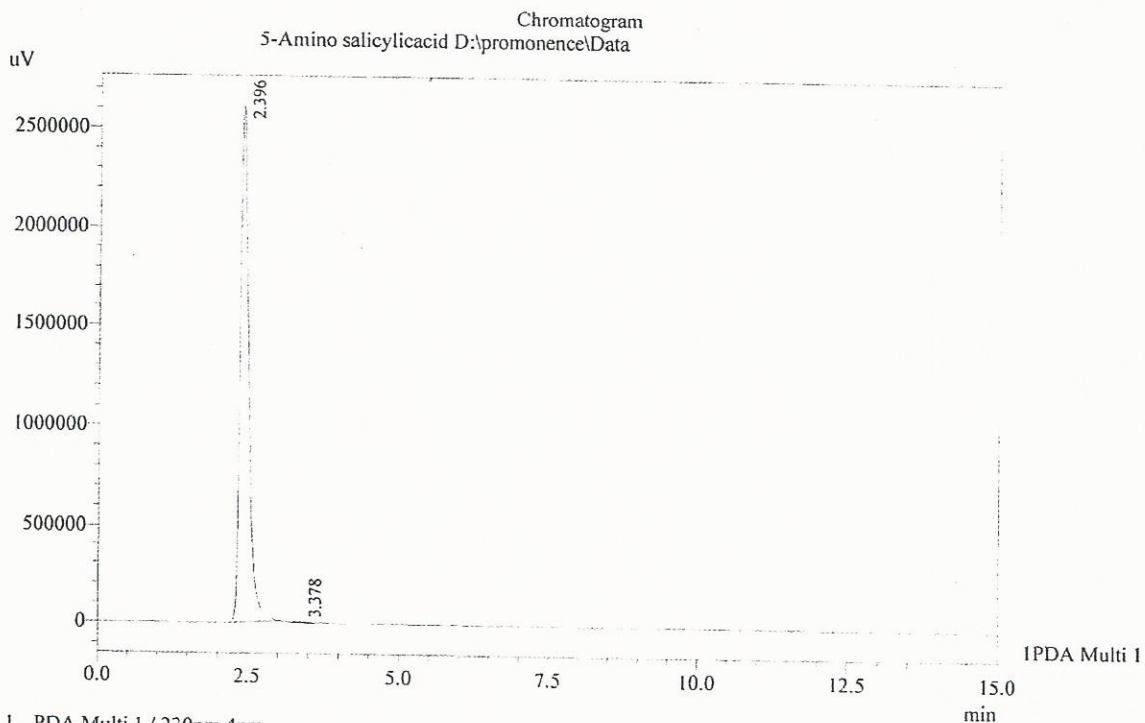
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 5-Amino salicylic acid
Sample ID : Lot no:1507645
Injection Volume : 20 uL
Data Filename : 170815N.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-1374
Product Name: 5-Aminosalicylic acid
Lot No.: 1508645



Column : Inertsil C-18, (250X4.6mm 5.0µm)
Flow : 1.000mL/min.
Mobile Phase : A(20% of Water) : B(80% Acetonitrile)



PDA Ch1 230nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	5-Aminosalicylic acid	2.396	26195488	99.87	1.00
2	RT:3.378	3.378	33326	0.13	1.41
Total			26228814	100.00	



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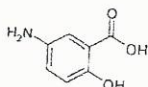
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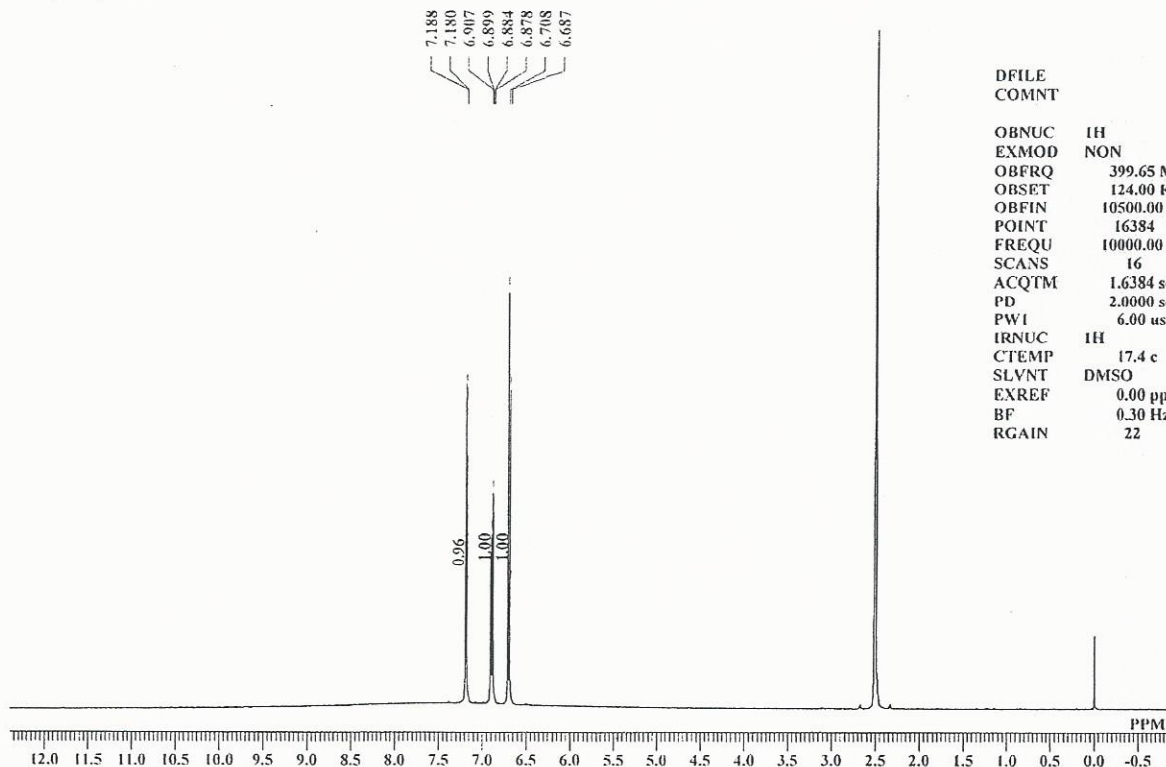
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¹H NMR DMSO-d₆
Analysed By: SPM





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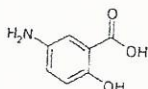
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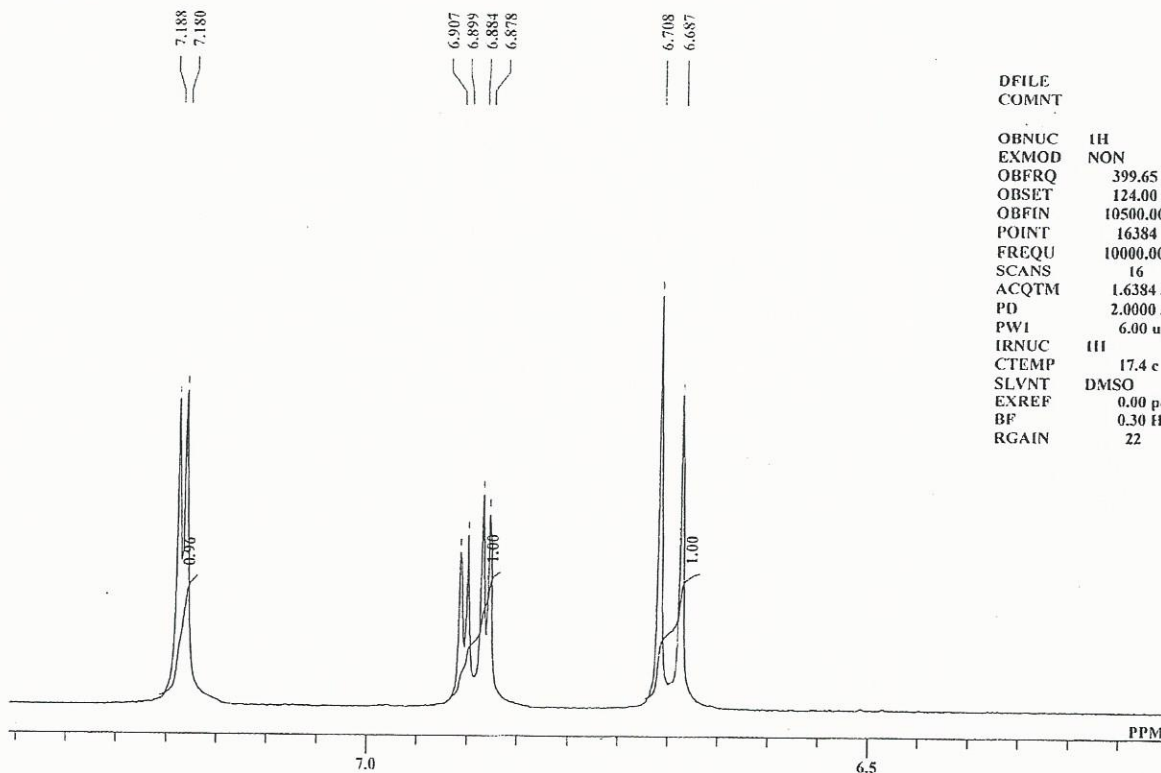
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¹H NMR DMSO-d₆
Analysed By : SPM



DFILE	IFLals
COMNT	¹ H NMR DMSO-d ₆
OBNUC	¹ H
EXMOD	NON
OBFRQ	399.65 MHz
OBSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	16384
FREQU	10000.00 Hz
SCANS	16
ACQTM	1.6384 sec
PD	2.0000 sec
PWI	6.00 usec
IRNUC	III
CTEMP	17.4 c
SLVNT	DMSO
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	22