SIMA LABS
Sophisticated Industrial Materials Analytic Labs Pvt. Ltd.
(GOVT. APPROVED TESTING LABORATORIES)

Address : A-3/7, Mayapuri Industrial Area, Ph-II, New Delhi - 110064
Phone : +(91)-(011) 43854300
Email : reports@simalab.com
CIN No : U74899DL1988PTC031785
Website : www.simalab.net | www.simalab.com

TC-11220

TEST REPORT

Party Code : A/DLH/19526
*Issued to : Ajay Dalal

RZ-10, Baba Haridas Nagar, Near New Anaj Mandi, Najafgarh, New Delhi-110043 - .

ULR : TC1122026100000328F

REPORT NO. : FS0117004726/N
*Customer Ref.No. : NS

*Reference Date : 17/01/2026
Date of Receiving : 17/01/2026
Date of Issue : 04/02/2026
Start Date of Analysis : 17/01/2026
Date of Completion : 03/02/2026
Sample Condition : OK
Sample Packing : Polypack
*FSSAI Lic. No : NS
*Sample Qty. : 01x1 Kg
*Batch No./Lot No. : DL
Test Method Deviation : NA
Sample Collection : Sample Collected By Us

*Sample Name : Tata Salt

*Mfg. by : Tata Chemicals Ltd.
*Mfg. Date : 12/2025
*Exp.Date/Best Before : 11/2027

RESULTS OF ANALYSIS

Reference : As per party's requirement

Description : Tata Salt

S.No.	Test Parameters	Unit	Result	Limit (as per FSSR-2011)	Method
General Parameters					
1	Moisture	%	0.17	NMT 6.0	IS 253:2014
2	Matter insoluble in water (ODB)	%	0.11	NMT 1	IS 253:2014
3	Matter soluble in water other than sodium chloride (ODB)	%	0.34	Max 3.0	IS 253:2014
4	Sodium Chloride (ODB)	%	99.72	Min 96	IS 253:2014
5	Free from contamination with clay	-	Free from contamination with clay	Free from contamination with clay	IS 253:2014
6	Free from grit	-	Free from grit	Free from grit	IS 253:2014
7	Free from other extraneous adulterant	-	Free from other extraneous adulterant	Free from Other extraneous adulterant	IS 253:2014
8	Free from impurities	-	Free from impurities	Free from impurities	IS 253:2014

Bhoopendra Singh
Reviewed By

Authorized Signatory
Rupa Rani
Deputy Tech. Manager Food

Remarks:
1. This Test Report is not valid without a hologram.
2. The Results listed refer only to the above tested sample & applicable parameters. Endorsement of products is neither inferred nor implied.
3. Liability of laboratory is limited to the invoiced amount only. Any dispute arising out of this report shall be subject to Delhi jurisdiction only.
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9. Re-testing charges will be applicable in case the results are reproducible.
10. Duplicable copy will be issued on chargeable basis.
11. SIMA Stands for : Sophisticated Industrial Materials Analytic

Scan for Accreditation & Scope

* Indicates details provided by the customer

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Email : reports@simalab.com
CIN No : U74899DL1988PTC031785
Website : www.simalab.net | www.simalab.com

TC-11220

TEST REPORT

Party Code : A/DLH/19526

ULR : TC1122026100000328F

REPORT NO. : FS0117004726/N

S.No.	Test Parameters	Unit	Result	Limit (as per FSSR-2011)	Method
9	Iodine (ODB)	mg/kg	30.32	Not specified	IS 16232:2014
10	Matter Insoluble in Dil HCl	%	0.01	Not specified	IS 253 : 2014
Heavy metals:					
11	Lead (as Pb)	mg/kg	BLQ(LOQ 0.020)	Max. 2.0	SIMA/INS/STP/004
12	Arsenic (as As)	mg/kg	BLQ(LOQ 0.020)	Max. 1.1	SIMA/INS/STP/004
13	Cadmium (as Cd)	mg/kg	BLQ(LOQ 0.020)	Max. 0.5	SIMA/INS/STP/004
14	Mercury (as Hg)	mg/kg	BLQ(LOQ 0.020)	Max. 0.100	SIMA/INS/STP/004
15	Copper (as Cu)	mg/kg	BLQ(LOQ 0.100)	Max. 30	SIMA/INS/STP/004
16	Tin (as Sn)	mg/kg	BLQ(LOQ 0.100)	Max. 250	SIMA/INS/STP/004
Other contaminations:					
17	Melamine	mg/kg	BLQ (LOQ 0.25)	Max. 2.5	SIMA/INS/STP/024

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification. , LOQ = Limit of Quantification

--- End of Test Report ---

Bhoopendra Singh
Reviewed By

Authorized Signatory

Rupa Rani
Deputy Tech. Manager Food

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CIN No : U74899DL1988PTC031785
Website : www.simalab.net | www.simalab.com

TEST REPORT

Party Code : A/DLH/19526
*Issued to : Ajay Dalal

RZ-10, Baba Haridas Nagar, Near New Anaj Mandi, Najafgarh, New Delhi-110043 - .

REPORT NO. : FS0117004726/O
*Customer Ref.No. : NS

*Reference Date : 17/01/2026
Date of Receiving : 17/01/2026
Date of Issue : 04/02/2026
Start Date of Analysis : 17/01/2026
Date of Completion : 03/02/2026
Sample Condition : OK
Sample Packing : Polypack
*FSSAI Lic. No : NS
*Sample Qty. : 01x1 Kg
*Batch No./Lot No. : DL
Test Method Deviation : NA
Sample Collection : Sample Collected By Us

*Sample Name : Tata Salt

*Mfg. by : Tata Chemicals Ltd.
*Mfg. Date : 12/2025
*Exp.Date/Best Before : 11/2027

RESULTS OF ANALYSIS

Reference : As per party's requirement

	Test Parameters	Unit	Result	Limit (as per FSSR-2011)	Method
General Parameters					
1	Sodium	mg/100g	37729.596	Not specified	SIMA/INS/STP/004
2	Total Ash (ODB)	%	99.83	Not specified	SIMA/FDL/STP/001
Heavy metals:					
3	Methyl Mercury (Calculated as the element)	mg/kg	BLQ(LOQ 0.020)	Max.0. 250	SIMA/INS/STP/004

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification. , LOQ = Limit of Quantification

--- End of Test Report ---

Bhoopendra Singh
Reviewed By

Authorized Signatory
Rupa Rani
Deputy Tech. Manager Food

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* Indicates details provided by the customer

Doc. Name: Record of Analysis (Raw Data Sheet)

Doc. No.: 7.4/F-04	Sect. No. 7.4	Section Title: Process Requirements (Handling of Test Items)

FS0117004726
Tata Salt

Issue No.:	Issue Date:	Rev. No.	Rev. Date:	Amend. N
01	10.01.2022	01	11.12.23	01

Name of Sample:
Batch No. :
Potency :
Sample Code :
Batch No. DL

Moisture,%

W1	wt of Petri dish,g		46.3251
W2	wt of Petri dish + sample wt, g		66.3283
W3	sample wt,g		20.0032
W4	Wt of petri dish + sample wt,g after oven drying		66.2943
	Calculation =	[(W2-W4)*100/W3]	
	Result %		0.17

Salt (as Nacl),(ODB)

	Sample weight,g		20.0032	
	Titre value,ml		33.8	
	Normality		0.1008	
	Moisture		0.17	99.83
	Calculation =	(584.5*N*TV*100/Swt/(100-M)		
	Result %		99.72	

Matter insoluble in water,(ODB)

	Empty weight,g		46.6584
M1	Sample weight,g		20.0032
	Dry weight,g		46.6809
M2	Residue		0.0225
	Moisture		0.17
	Calculation =	(Residue*100*100/Swt/(100-M)	
	Result %		0.11

Done By

Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B.S. RAJWAR		Rishabh Kashyap Quality Executive
Signature & Date	11/12/23	11/12/23		11/12/23

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CONTROLLED COPY

Name of Sample:		Potency	:
Batch No.	:	Sample Code	:

Batch No. DL

Matter soluble in water other than Nacl(ODB),%

Water insouble matter,%		0.11	
Sodium chloride,%		99.55	
Calculation =	100-(Salt+WIM)		
Result %		0.34	

Free from impurities
Free from grit
Free from contamination with clay
Free from other extraneous adulterant

Iodine value

Sample weight		20.2564	
Normality (N/A)		0.005	
Titre value,ml		11.6	
Moisture,%		0.17	99.83
Calculation	105.7*TV*N/Swt/100		
Result,mg/kg		30.27	30.32

Matter insoluble in HCL,(ODB)

	Empty weight,g		45.3562	
M1	Sample weight,g		20.0124	
	Dry weight,g		45.3585	
M2	Residue		0.0023	
	Moisture		0.17	99.83
	Calculation =	(Residue*100*100/Swt/(100-M)		
	Result %		0.01	0.01

Done by

Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B.S. RAJWAR		Rishabh Kashyap Quality Executive
Signature & Date	11/12/23	11/12/23		

Doc. Name: Record of Analysis (Raw Data Sheet)

Doc. No.: 7.4/F-04	Sect. No. 7.4	Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. Date: 2.23

FS01170)4726
Tata Salt

Name of Sample:	Potency
Batch No. :	Sample Co

Batch No. DL

Total ash,%(ODB)

w1	wt of crucible ,g	48.6521	
w2	crucible wt + sample wt, g	58.6521	
w3	sample wt,g	10.0000	
w4	Ash + crucible wt ,g	58.6181	
	Moisture	0.17	99.83
	Calculation	[(w4-w1)*100*100/w3/(100-M)]	
	Result %	99.66	99.83

Done by

Checked By

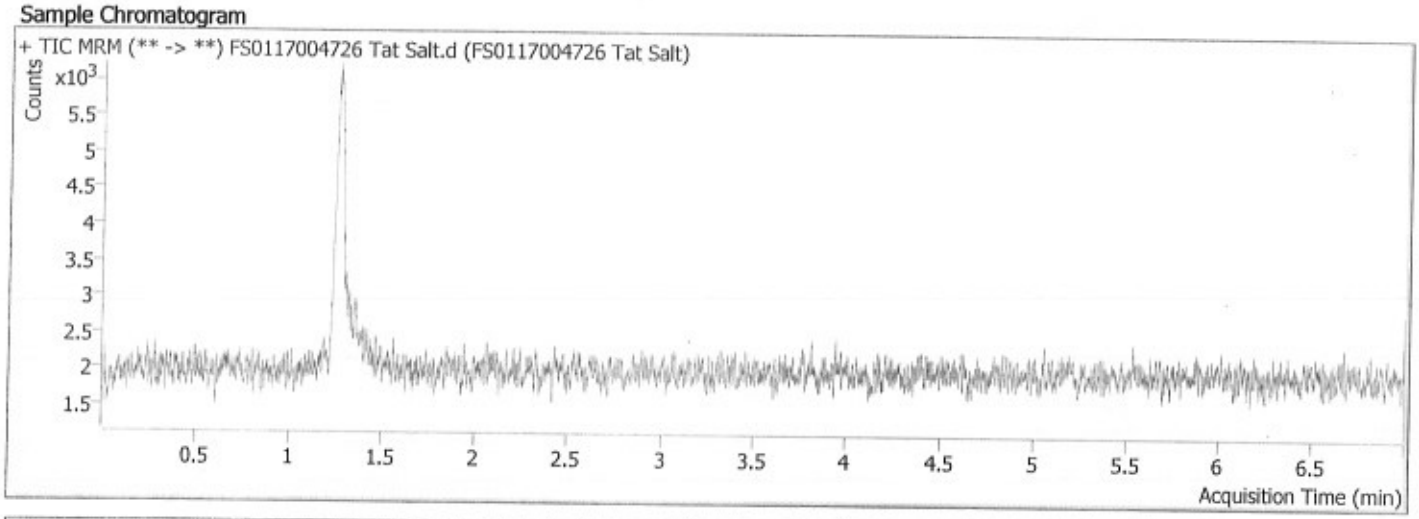
	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B.S.RAJWAR		
Signature & Date		11/12/23		

Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\Data\2026\Jan_2026\20.01.2026_Melamine\QuantResults\Melamine.batch.bin		
Analysis Time	1/21/2026 9:56 AM	**Analyst Name**	LCMSMS\LC-MSMS1
Report Time	1/21/2026 9:57:03 AM	**Reporter Name**	LCMSMS\LC-MSMS1
Last Calib Update	1/21/2026 9:56 AM	**Batch State**	Processed
Quant Batch Version	10.0	**Quant Report Version**	10.0

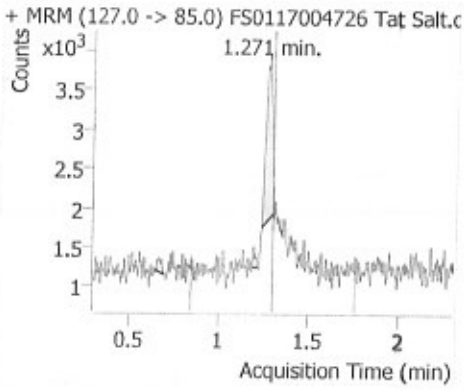
Acq. Time	1/20/2026 4:21 PM	**Data File**	FS0117004726 Tat Salt.d
Sample Type	Sample	**Sample Name**	FS0117004726 Tat Salt
Dilution	1	**Acq. Method**	Melamine_2024.m

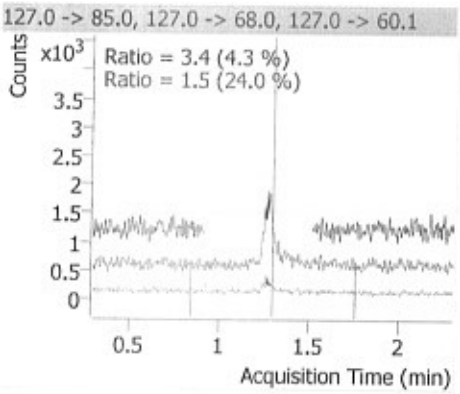
Sample Chromatogram

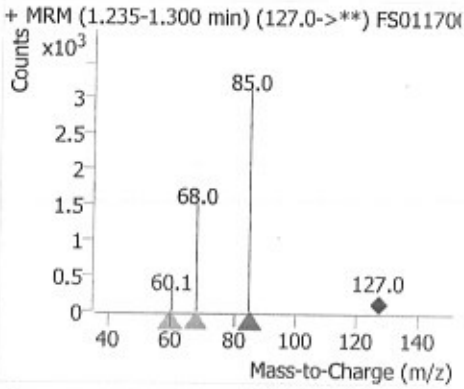


Compound	Transition	RT	Resp.	Final Conc	Units
Melamine	127.0 -> 85.0	1.271	4972	0.0955	ng/ml

Melamine







Generated at 9:56 AM on 1/21/2026

Name of Sample:		Potency :	FS0117004726
Batch No. :		Sample Code :	Tata Salt

Batch No. DL

MELAMINE

SIMA/INS/STP/024

Sample Weight = 2.001569

Volumn = 14 ml

Result= BLQ (LOQ 0.25)mg/kg

Done by

Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	QUALITY MANAGER		Rishabh Kashyap Quality Executive
Signature & Date	11/12/23	14/12/23		11/12/23

FS0117004726
Tata Salt
Batch No. DL

Name of Sample:	Potency :
Batch No. :	Sample Code :

ICP-MS								
Sample Code	FS0117004726			Date		24-01-2026		
Element Name	Instrument Reading Sample(ppb)	Instrument Reading Blank(ppb)	Makeup Volume ml	Dilution ml	Sample Weight gm	Results mg/kg	Final Results mg/kg	LOQ
Cu	0.000	0.867	25	100	0.5080	-0.043	BLQ	0.100
As	0.006	0.590	25	100	0.5080	0.000	BLQ	0.020
Cd	0.000	0.000	25	100	0.5080	0.000	BLQ	0.020
Sn	0.000	4.401	25	100	0.5080	-0.217	BLQ	0.100
Hg	0.000	1.651	25	100	0.5080	-0.081	BLQ	0.020
Pb	0.000	0.092	25	100	0.5080	-0.005	BLQ	0.020
M.Hg(as Hg)	0.000	1.651	25	100	0.5080	-0.081	BLQ	0.020

ICP-OES							
Sample Code	FS0117004726			Date		24-01-2026	
Element Name	Instrument Reading Sample(ppm)	Instrument Reading Blank(ppm)	Makeup Volume ml	Dilution ml	Sample Weight gm	Results mg/kg	Final Results mg/100g
Na	7.667	0.346	25	1000	0.5080	377295.965	37729.596

Done by 24/01/2026

Checked By 24/01/2026

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive			Rishabh Kashyap Quality Executive
Signature & Date	11/1/23		11/1/23	

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Quantitation Report

Data File Name	072SMPL.d
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
Acq Time	1/23/2026 6:21:49 PM
Sample Name	FS0117004726
Sample Type	Sample
Comment	(100TD)
Prep Dilution	1.0000
Auto Dilution	1.0000
Total Dilution	1.0000
Operator Name	ICP-MS
Acq Mode	Spectrum
Cal Title	---
Cal Type	External Calibration
Bkg File	---
Bkg Mode	Count Subtraction except for ISTD
FQ BlankFile	---
VIS Fit	Point to Point

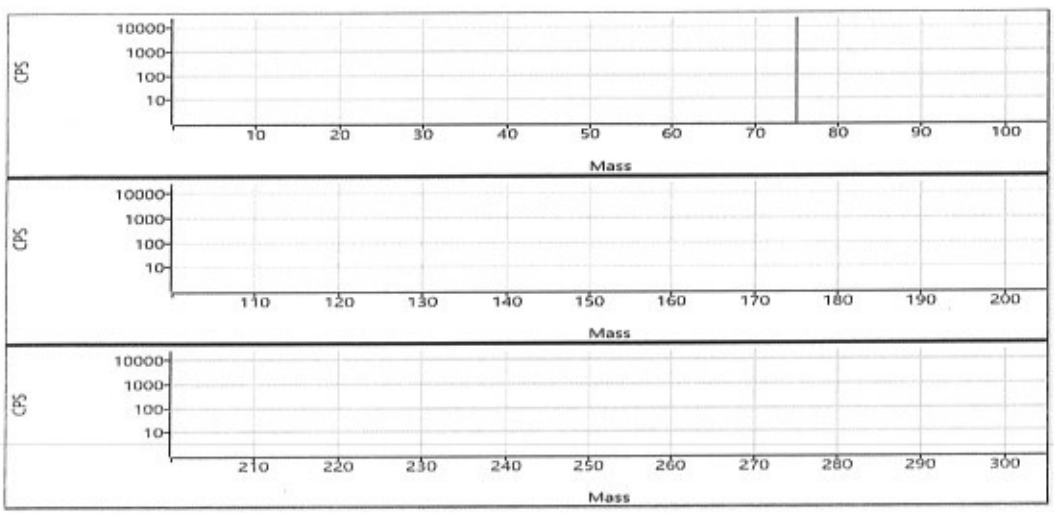
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	<0.000	ppb	N/A	1945.72		Pulse	0.3000	3
As	75		He	0.006	ppb	78.0	52.22		Pulse	0.3000	3
Cd	111		He	<0.000	ppb	N/A	8.89		Pulse	0.3000	3
Sn	118		He	<0.000	ppb	N/A	269.67		Pulse	1.0000	3
Hg	202		He	<0.000	ppb	N/A	277.33		Pulse	1.0000	3
Pb	208		He	<0.000	ppb	N/A	1170.07		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep

No Gas

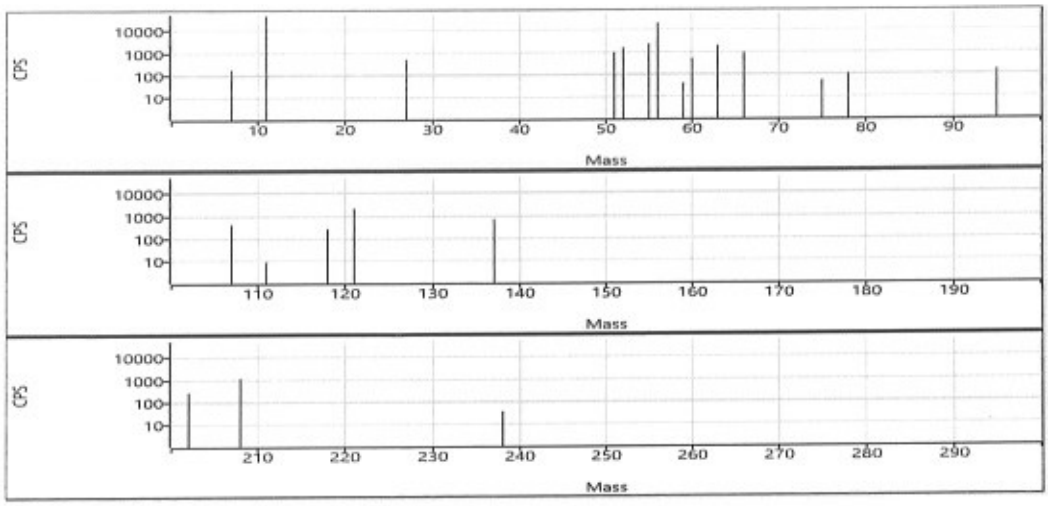


Agw 24/01/2026

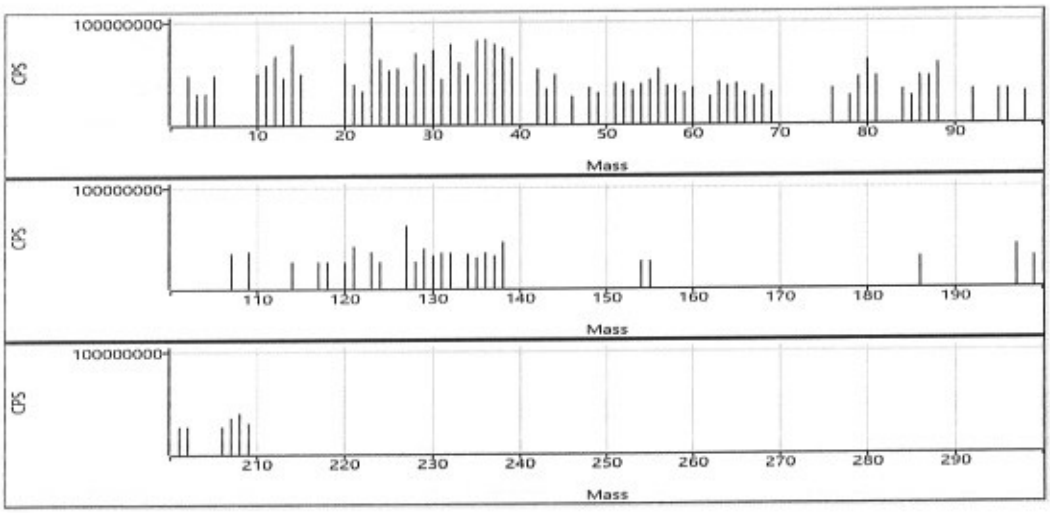
Peggy 24/01/2026

Quantitation Report

He



Quick Scan



Prepared 24/01/2026

Approved 24/01/2026

Quantitation Report

Data File Name	060SMPL.d
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
Acq Time	1/23/2026 5:23:36 PM
Sample Name	Acidblank
Sample Type	Sample
Comment	---
Prep Dilution	1.0000
Auto Dilution	1.0000
Total Dilution	1.0000
Operator Name	ICP-MS
Acq Mode	Spectrum
Cal Title	---
Cal Type	External Calibration
Bkg File	---
Bkg Mode	Count Subtraction except for ISTD
FQ BlankFile	---
VIS Fit	Point to Point

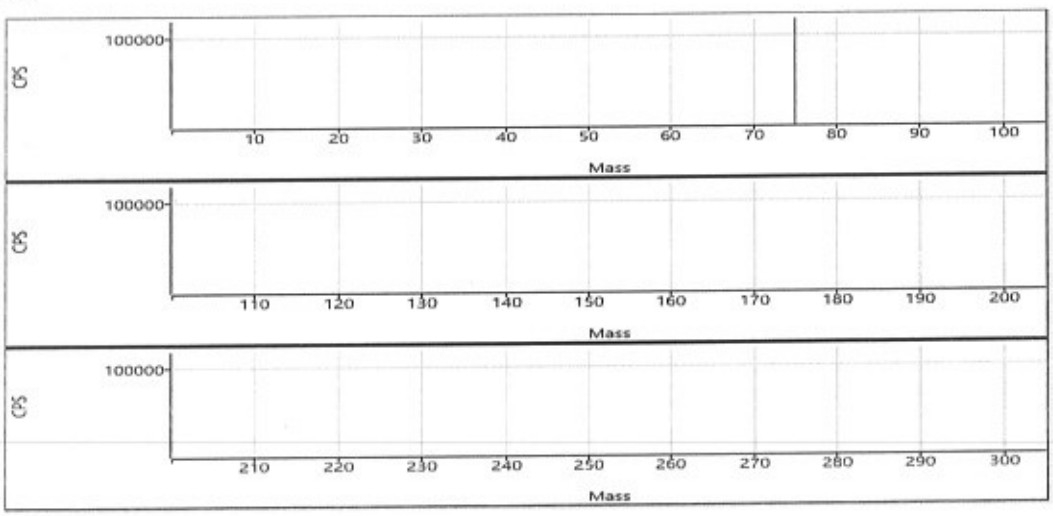
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	0.867	ppb	2.5	25968.37		Pulse	0.3000	3
As	75		He	0.590	ppb	6.2	1804.59		Pulse	0.3000	3
Cd	111		He	<0.000	ppb	N/A	67.78		Pulse	0.3000	3
Sn	118		He	4.401	ppb	9.2	31340.92		Pulse	1.0000	3
Hg	202		He	1.651	ppb	4.6	13285.77		Pulse	1.0000	3
Pb	208		He	0.092	ppb	6.1	10346.64		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(sec)	Rep

No Gas

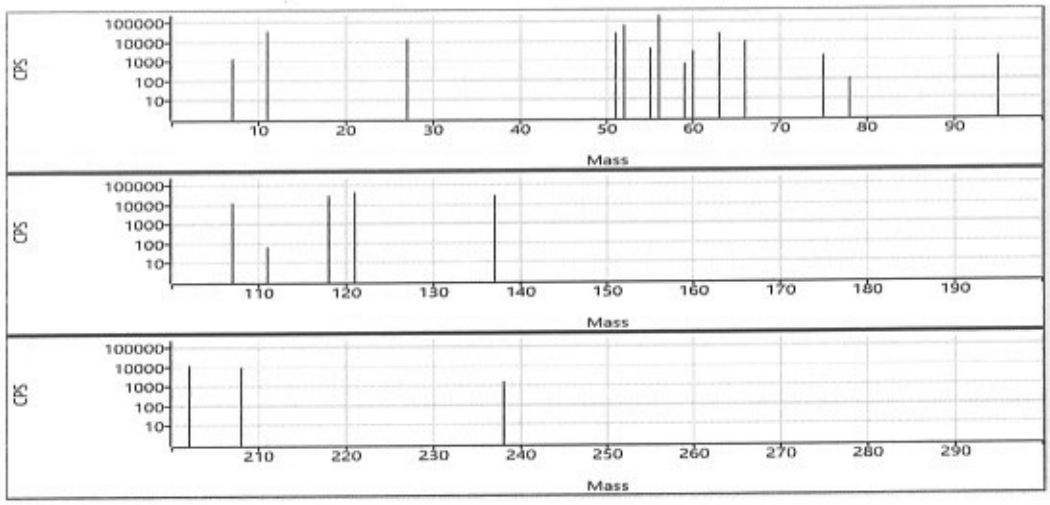


24/01/2026

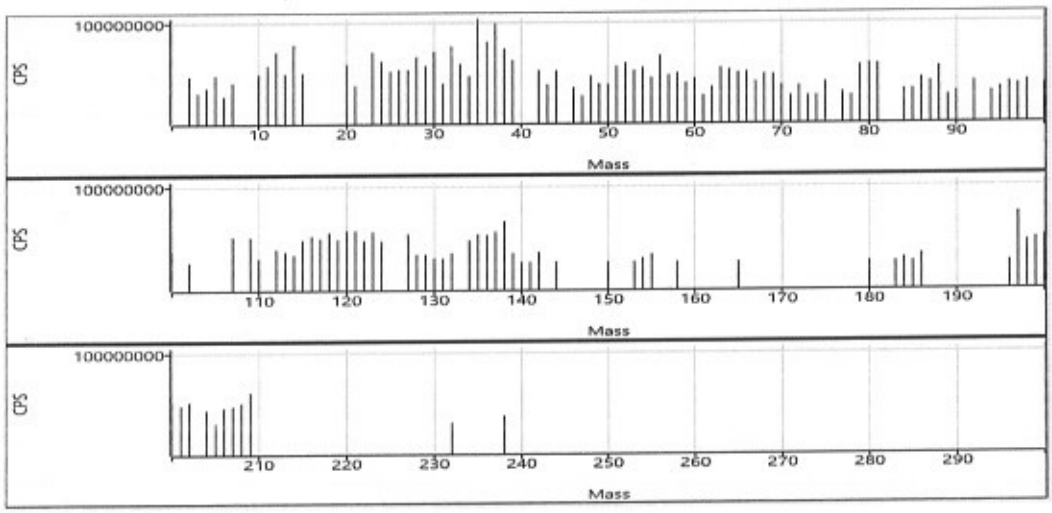
24/01/2026

Quantitation Report

He



Quick Scan



Project
24/01/2026

Acw
24/01/2026

Sophisticated Industrial Materials Analytic Labs. Pvt. Ltd.
A-3/7, Mayapuri Industrial Area, Phase -II, New Delhi -110064

Condition Set Title	Condition Set: 1	RF Power (KW)	1.2
Read Time (s)	5	Viewing Mode	Axial
Plasma Flow (L/Min)	12	Auxiliary Flow (L/Min)	1
Nebulizer Flow (L/Min)	0.7	Stabilization Time (s)	15
Calibration Fit	Weighted Linear Through None		

File Path ICPOES\SQLEXPRESS|VAIMDB_2026(000)|JAN\24-01-2026

Software Version 7.7.1.13214

Worksheet Name 24-01-2026

Instrument Name MY19031005

Detailed Results

DateTime	Label	Element Label (nm)	Units	Conc	%RSD	Intensity (c/s)
1/24/2026 4:39:08 PM	ACID BLANK	Na (588.995 nm)	ppm	0.346	6.87	14860.000
1/24/2026 5:02:41 PM	FS0117004726-1000TD	Na (588.995 nm)	ppm	7.667	0.15	75139.000

24/01/2026

24/01/2026