



781 East Washington Blvd., Los Angeles, CA 90021
 (213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

Hill Brothers Chemical Co.
 15017 E. Clark Ave.
 City of Industry, CA 91745

File #:73659
 Report Date: 05/12/23
 Submitted: 05/02/23
PLS Report No.: 2305010

Attn: Armando Marruto Phone: (626) 333-2251 FAX:(626) 333-9561
Project: Aqua Ammonia

Sample ID: Aqua Ammonia 29.45% Lot # 042930-3 (2305010-01) Sampled:04/29/23 12:55 Received: 05/02/23

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Lead	ND		1	mg/L	0.0500	EPA 200.7 FCC	05/11/23	05/11/23	JKS	BE31212
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Nonvolatile Residue	ND		1	mg/L	0.0200	- FCC	05/05/23	05/05/23	vc	BE31103
Readily Oxidizable Substances	PASS		1	mg/L	-	- FCC	05/05/23	05/05/23	vc	BE31103
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Assay %	29.3		1	mg/L	0.0500	- FCC	05/02/23	05/02/23	vc	BE31103

Notes and Definitions

- NA Not Applicable
- ND Analyte NOT DETECTED at or above the reported limit(s)
- NR Not Reported
- MDL Method Detection Limit
- PQL Practical Quantitation Limit

Rich Owen Parker

Authorized Signature(s)



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Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Phosphate	ND		1	mg/L	1.00	- EPA 300.0	05/03/23	05/03/23	vc	BE30432
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Arsenic	ND		1	mg/L	0.020	EPA 200.7 EPA 200.7	05/11/23	05/11/23	JKS	BE31212
Iron	ND		1	mg/L	0.050	EPA 200.7 EPA 200.7	05/11/23	05/11/23	JKS	BE31212
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Assay %	30.0		1	%	0.100	- ACS	05/02/23	05/02/23	vc	BE31104
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
KMnO4 Reducing Substances	PASS		1	.	-	ACS	05/04/23	05/04/23	vc	BE31104
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Color	PASS		1	Color Units	1.00	- ILT SPECIFIC ME	05/02/23	05/02/23	vc	BE31104
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Chloride	PASS <0.5		1	mg/L	0.500	- ACS	05/04/23	05/04/23	vc	BE31104
Total Sulfur as Sulfate	PASS <2.00		1	mg/L	2.00	- ACS	05/04/23	05/04/23	vc	BE31104
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Carbon dioxide	PASS <0.002		1	mg/L	0.00200	- ACS	05/04/23	05/04/23	vc	BE31104
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Heavy Metal as Lead	ND		1	mg/L	0.500	EPA 200.7 EPA 200.7	05/11/23	05/11/23	JKS	BE31212
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method	Prepared	Analyzed	By	Batch
Residue On Ignition	ND		1	%	0.002	- ACS	05/05/23	05/05/23	vc	BE31104

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- PQL Practical Quantitation Limit

Rick Owen Parlier

Authorized Signature(s)