



NUMCHAI INDUSTRY CO., LTD.

SPECIFICATION

SULPHURIC ACID (H₂SO₄)

35 %

No.	Standard Item	Specification
1.	Appearance . Color	Upper limit Brownish
2.	Specific gravity @ 28-45 °C	1.254-1.242 (Min)
3.	Sulphuric acid (H ₂ SO ₄),%	35 (Min)

SD-QCS-045/6,R00

01/09/52

Factory : 84 Moo 1 Rama 2 Rd., Bangtorad, Ampur Muang Samutsakorn, Samutsakorn 74000

Tel : 034-432518-9 Fax : 034-432520

Office : 239 Sririnthorn Rd, Bangplud, Bangkok 10700

Tel : 02-881-9150-5, 02-434-5451-2 Fax : 02-881-9152, 02-881-9154



NUMCHAI INDUSTRY CO., LTD.

SPECIFICATION

SULPHURIC ACID (H₂SO₄)

50 %

No.	Standard Item	Specification
1.	Appearance . Color	Upper limit Brownish
2.	Specific gravity @ 28-45 °C	1.389-1.376 (Min)
3.	Sulphuric acid (H ₂ SO ₄),%	50 (Min)

SD-QCS-045/4,R00

01/09/52

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SULPHURIC ACID (H₂SO₄)

70 %

No.	Standard Item	Specification
1.	Appearance . Color	Upper limit Brownish
2.	Specific gravity @ 28-45 °C	1.603-1.588 (Min)
3.	Sulphuric acid (H ₂ SO ₄),%	70 (Min)

SD-QCS-045/3,R00

01/09/52

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NUMCHAI INDUSTRY CO., LTD.

SPECIFICATION

SULPHURIC ACID (H₂SO₄)

72 %

No.	Standard Item	Specification
1.	Appearance . Color	Upper limit Brownish
2.	Specific gravity @ 28-45 °C	1.627-1.611 (Min)
3.	Sulphuric acid (H ₂ SO ₄),%	72 (Min)

SD-QCS-045/2,R00

01/09/52

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NUMCHAI INDUSTRY CO., LTD.

SPECIFICATION

SULPHURIC ACID (H₂SO₄)

No.	Standard Item	Specification
1.	Appearance . Color	Upper limit Brownish
2.	Specific gravity @ 27 °C	1.830 (Min)
3.	Sulphuric acid (H ₂ SO ₄),%	98.00 (Min)
4.	Sulphur dioxide (SO ₂),mg/kg	40 (Max)
5.	Ash, mg/kg	400 (Max)
6.	Iron (Fe), mg/kg	50 (Max)
7.	Heavy metal (calculated as Pb), mg/kg	5 (Max)
8.	Arsenic (calculated as As), mg/kg	1 (Max)

SD-QCS-040,R00

01/09/52

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NUMCHAI INDUSTRY CO.,LTD.

SPECIFICATION

OLEUM 5 %

Item	Unit	Specification	Note
Apparance,Colour		Upper limit Brownish	
Concentration	% SO ₃	4.4 Min – 5.3 Max	
Relative density	At 32-37 °C	1.844-1.852	
Residue After Iginition	%	0.05 Max	
Iron (Fe)	%	0.008 Max	
Lead (Pb)	%	0.0005 Max	
Arsenic (As)	%	0.0001 Max	
Remarks : Bacteria is not detected.($<10^2$ Cfu/g)			

SD-QCS-042,R01

24/04/63

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