

## Total Base Number (TBN) Standards

Paragon TBN Standards are specifically manufactured for the verification of analytical instruments used to determine base number by potentiometric titration.

- Typically used in, but not limited to, the analysis of used oils and lubricants
- Tested and certified in accordance with ASTM D 2896 / IP 276
- Fully traceable to international standards
- Supplied in tamper evident packaging with a 2 year shelf life
- Available as a triple pack
- In stock and available for immediate dispatch

### Total Base Number Reference Standard

Product Code	Test Method	Certified Value	Pack Size
TBN1	ASTM D 2896	0.99 mg KOH/g	1 x 125g
TBN1/3	ASTM D 2896	0.99 mg KOH/g	3 x 125g
TBN3	ASTM D 2896	3.01 mg KOH/g	1 x 50g
TBN3/3	ASTM D 2896	3.01 mg KOH/g	3 x 50g
TBN6	ASTM D 2896	6.05 mg KOH/g	1 x 50g
TBN6/3	ASTM D 2896	6.05 mg KOH/g	3 x 50g
TBN10	ASTM D 2896	9.93 mg KOH/g	1 x 50g
TBN10/3	ASTM D 2896	9.93 mg KOH/g	3 x 50g
TBN15	ASTM D 2896	15.10 mg KOH/g	1 x 50g
TBN15/3	ASTM D 2896	15.10 mg KOH/g	3 x 50g
TBN30	ASTM D 2896	30.43 mg KOH/g	1 x 50g
TBN30/3	ASTM D 2896	30.43 mg KOH/g	3 x 50g
TBN40	ASTM D 2896	40.51 mg KOH/g	1 x 50g
TBN40/3	ASTM D 2896	40.51 mg KOH/g	3 x 50g
TBN70	ASTM D 2896	70.24 mg KOH/g	1 x 50g
TBN70/3	ASTM D 2896	70.24 mg KOH/g	3 x 50g

Please check website for up-to-date information



## Total Acid Number (TAN) Standards

Paragon TAN standards are specifically manufactured for the verification of analytical instruments used to determine acid number by potentiometric titration.

- Typically used in, but not limited to, the analysis of used oils and lubricants
- Tested and certified in accordance with ASTM D 664 / IP 177
- Fully traceable to international standards
- Supplied in tamper evident packaging with a 2 year shelf life
- Available as a triple pack
- In stock and available for immediate dispatch

### Total Acid Number Reference Standard

Product Code	Test Method	Certified Value	Pack Size
TAN001	ASTM D 664	0.096 mg KOH/g	1 x 125g
TAN001/3	ASTM D 664	0.096 mg KOH/g	3 x 125g
TAN005	ASTM D 664	0.48 mg KOH/g	1 x 125g
TAN005/3	ASTM D 664	0.48 mg KOH/g	3 x 125g
TAN010	ASTM D 664	0.99 mg KOH/g	1 x 125g
TAN010/3	ASTM D 664	0.99 mg KOH/g	3 x 125g
TAN015	ASTM D 664	1.53 mg KOH/g	1 x 125g
TAN015/3	ASTM D 664	1.53 mg KOH/g	3 x 125g
TAN020	ASTM D 664	2.03 mg KOH/g	1 x 50g
TAN020/3	ASTM D 664	2.03 mg KOH/g	3 x 50g
TAN025	ASTM D 664	2.48 mg KOH/g	1 x 50g
TAN025/3	ASTM D 664	2.48 mg KOH/g	3 x 50g
TAN030	ASTM D 664	2.96 mg KOH/g	1 x 50g
TAN030/3	ASTM D 664	2.96 mg KOH/g	3 x 50g
TAN050	ASTM D 664	4.57 mg KOH/g	1 x 50g
TAN050/3	ASTM D 664	4.57 mg KOH/g	3 x 50g

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# Laboratory Reagents

## Lithium Chloride Electrolyte

A high quality analytical reagent manufactured and certified compliant for use in ASTM D 664 / IP 177, the "Standard Test Method for Acid Number of Petroleum products by Potentiometric Titration".

- A Lithium Chloride Electrolyte Analytical Reagent manufactured in accordance with ASTM D 664 / IP 177
- Provided with a certificate which includes an estimation of uncertainty of manufacture
- Ensures full compliance with ASTM and IP test method requirements for reagent preparation
- Convenient 30mL bottle size for direct filling into the electrode
- Multi pack option available
- Cost effective and time saving
- MSDS included
- 6 month shelf life

## Lithium Chloride Electrolyte

Product Code	Certified Value	Pack Size
LCL-30-3	2M	3 x 30mL plastic bottles
LCL-30-5	2M	5 x 30mL plastic bottles
LCL-30-10	2M	10 x 30mL plastic bottles

Please check website for up-to-date information



## Synthetic Sea Water

A high quality analytical reagent manufactured and certified compliant for use in ASTM D 665 / IP 135 the "Standard Test Method for Rust-Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water".

- A Synthetic Sea Water Analytical Reagent manufactured in accordance with ASTM D 665 / IP 135
- Provided with a certificate which includes an estimation of uncertainty of manufacture
- Ensures full compliance with ASTM and IP test method requirements for reagent preparation
- Conveniently packaged in single dose or multi dose packs
- Cost effective and time saving
- MSDS included
- 1 year shelf life

### Synthetic Sea Water

Product Code	Pack Size
SSWS-30	10 x 30mL
SSWS-300	1 x 300mL
SSWS-500	1 x 500mL

Please check website for up-to-date information

