

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	39506
Product	(S)-(-)-2-Bromopropionic acid
CAS Number	32644-15-8
Molecular Formula	C ₃ H ₅ BrO ₂
Molecular Weight	152.98

Warnings	<i>Air sensitive! Store under inert gas!</i>
Appearance	Colorless, red or green clear liquid
Melting Point	-35 °C
Boiling point	94 °C / 11 mmHg
Flash Point	101 °C
Density	1.7 g/mL
Refractive Index	$n_{20D} = 1.48$
Optical Rotation	$[\alpha]_{20D} = -25$ to -29 ° (neat)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Assay by titration	≥ 98% (Neutralization titration)
Purity by GC	≥ 98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only