Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

CERTIFICATE OF ANALYSIS

Product: Heptanes, Technical Grade
Catalog Number: H1030
Lot Number: CB-20813
Test Date: 03/10/26
CAS #: 142-82-5
Chemical Formula: C_7H_{16}
Formula Weight: 100.20

PROPERTY DESCRIPTION	TANK VALUE	SPECIFICATIONS	UNITS	ASTM TEST
ANILINE POINT	152.4	140 MIN	DEGF	D611
API GRAVITY (60/60 F)	72.1	REPORT	DEG API	D287 OR D4052
APPEARANCE	PASS	CLEAR		
AROMATIC CONTENT	<0.01	0.10 MAX	WT%	GC
BENZENE CONTENT	< 0.005	REPORT	WT%	GC VUV
BROMINE INDEX	2	REPORT		D2710
COLOR, SAYBOLT	30	+28 MIN		D156 OR D6045
CORROSION, 3 HRS @ 122 F	1 (A)	1 (B) MAX		D130
DENSITY @ 60 F (15.6 C)	5.785	REPORT	LB/GAL	D287 (CAL'D)
DISTILLATION, IBP	93	92.3 MIN	DEGC	D1078
DISTILLATION, 50%	93.8	REPORT	DEGC	D1078
DISTILLATION, DP	97.1	99.9 MAX	DEGC	D1078
DOCTOR TEST	NEGATIVE	NEGATIVE		D4952
KAURI-BUTANOL VALUE (KB)	31.0	REPORT		D1133
METHYLCYCLOHEXANE	0.96	REPORT	WT%	GC
N-HEPTANE	25.3	REPORT	WT%	GC
N-HEXANE	0.03	REPORT	WT%	GC
NONVOLATILE RESIDUE	<0.1	REPORT	MG/100ML	D1353
OLEFINS	1	25 MAX	PPM	D1159
REFR. INDEX (TYPICAL@20C)	1.3911	REPORT		D1218
SPECIFIC GRAVITY (60/60 F)	0.695	0.690-0.710		D287(CALC'D)
SULFUR CONTENT	<1	5 MAX	PPM	D5453
TOLUENE CONTENT	<0.03	REPORT	WT%	GC
TOTAL NON-AROMATICS	100	REPORT	WT%	GC
WATER	14	REPORT	PPM	D6304

4621 Technology Drive Golden, CO 80403
(303)762-0800 | f: (303)762-1240 | www.rmreagents.com | info@rmreagents.com

Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

It is certified on 06/22/26 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

NOTICE: The information above is presented for your consideration in the belief that it is accurate and reliable; certain data have been supplied by third parties. Rocky Mountain Reagents, Inc. expressly disclaims all warranties, either expressed or implied, including the warranties of accuracy, merchantability, and fitness for a particular purpose. Applicability or suitability of the product for a particular use is the responsibility of the purchaser. Expiration and/or retest dates are dependent upon appropriate storage and handling of materials as specified on the label or SDS. Products for which no expiration date is provided have unlimited shelf life when stored appropriately.

4621 Technology Drive Golden, CO 80403
(303)762-0800 | f: (303)762-1240 | www.rmreagents.com | info@rmreagents.com